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UNION COLLEGE, BARBOURVILLE, KENTUCKY
PRO DEO ET
HOMINE
FOUNDED IN 1879

Accredited Recognition

Member of
Southern Association of Colleges
and Secondary Schools

Member of
Kentucky Association of Colleges
and Secondary Schools

Member of
Association of American Colleges

Member of
University Senate Methodist Church

Member of
Kentucky Association of Church-Related Colleges

Accredited as a Standard Four Year College by the University of Kentucky, by the Department of Education of the State of Kentucky, and by the University of the State of New York.

Pfeiffer Hall, New Women's Dormitory, Occupied January, 1943

Union College
Bulletin

Annual Catalog

1943–1944

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VOL. V, No. 2 (New Series) April, 1943
PUBLISHED QUARTERLY BY
Union College
Barbourville, Ky.
FEBRUARY, APRIL, JULY, AND OCTOBER

Entered as second-class matter at the post office at Barbourville, Kentucky, under Act of Congress, August 24, 1912.

1943 CALENDAR 1943

JANUARY

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Calendar for the College Year

1943-44

SUMMER QUARTER 1943

First Term

June 7, *Monday*—Registration for first term.
June 12, *Saturday*—Last date to register for first summer term.
July 13, *Tuesday*—First summer term commencement.
July 14, *Wednesday*—First summer term ends.

Second Term

July 15, *Thursday*—Registration for second term.
July 21, *Wednesday*—Last day to register for second summer term.
August 20, *Friday*—Second summer term commencement.
August 21, *Saturday*—Second summer term ends.

FALL QUARTER—1943-44

September 21, *Tuesday*—Dormitories open.
September 22, *Wednesday*—Registration for fall quarter.
September 23, *Thursday*—Classes begin.
September 24, *Friday*—College Convocation at 9:45 A. M.
October 7, *Thursday*—Last date to register for fall quarter.
November 25, *Thursday*—Thanksgiving Holiday.
December 15, *Wednesday*—Fall quarter ends.

WINTER QUARTER—1943-44

December 30, *Thursday*—Registration for winter quarter.
December 31, *Friday*—Classes begin.
January 13, *Thursday*—Last date to register for winter quarter.
March 15, *Wednesday*—Winter quarter ends.

SPRING QUARTER—1943-44

March 16, *Thursday*—Registration for spring quarter.
March 17, *Friday*—Classes begin.
March 30, *Thursday*—Last date to register for spring quarter.
May 28, *Sunday*—Baccalaureate Services at 10:30 A. M.
May 29. *Monday*—Annual meeting of Board of Trustees at 9:00 A. M.
May 30, *Tuesday*—Sixty-fifth Commencement at 10:30 A. M.

SUMMER QUARTER—1944

First Term

June 7, *Wednesday*—First term begins.
June 13, *Tuesday*—Last date to register for first term.
July 14, *Friday*—First term Commencement exercises.
July 15, *Saturday*—First term ends.

Second Term

July 17, *Monday*—Second term begins.
July 24, *Monday*—Last date to register for second term.
August 22, *Tuesday*—Second summer term Commencement exercises.
August 23, *Wednesday*—Second term ends.

BOARD OF TRUSTEES

Term Expiring 1943

Harry E. Bullock .....Union Station Building, Lexington, Ky.
H. R. Kendall .....610 Church Street, Evanston, Illinois
W. M. Slusher .....Four Mile, Ky.
H. A. Sprague .....216 West High Street, Lexington, Ky.

Term Expiring 1944

S. C. Rice .....931 North Ft. Thomas Street, Fort Thomas, Ky.
Mrs. F. D. Sampson.....Sampson Hill, Barbourville, Ky.
C. E. Vogel .....Third and Guthrie, Louisville, Ky.
C. N. White .....Immanuel Methodist Church, Covington, Ky.

Term Expiring 1945

Alvis S. Bennett .....Hartford, Ky.
J. L. Decell.....Arlington Place, Birmingham, Ala.
Henry M. Zimmerman.....2062 Reading Road, Cincinnati, Ohio

Term Expiring 1946

A. R. Perkins .....Harlan, Ky.
S. L. Renfro .....Williamsburg, Ky
Mrs. Henry Pfeiffer .....New York City

Term Expiring 1947

E. S. Woosley .....Louisville Trust Co., Louisville, Ky.
J. W. Weldon .....Henderson, Ky.
Milton A. Galbraith .....Harlan, Ky.
Luther M. Walter .....2106 Field Building, Chicago, Ill.
T. W. Appleby .....2400 Reading Road, Cincinnati, Ohio

Term Expiring 1948

J. H. Richardson .....Maysville, Ky.
W. C. Stewart .....316 Prospect Avenue, Bellevue, Ky.
Kenneth H. Tuggle .....Barbourville, Ky.
J. Ralph Wood .....Hazard, Ky.

Members Emeriti

*A. B. Cornett.....Harlan, Ky.
C. B. Nordeman .....1650 Beechwood, Louisville, Ky.

Ex-Officio Members

Conway Boatman .....Baldwin Place, Barbourville, Ky.
U. V. W. Darlington ....524 Tenth Avenue, Huntington, W. Va.

---

*Deceased April 21, 1948.

OFFICERS OF THE BOARD

Harry E. Bullock ..... *President*
S. C. Rice ..... *Vice-President*
Alvis S. Bennett ..... *Secretary*
J. F. Blair ..... *Treasurer*

STANDING COMMITTEES OF THE BOARD

Executive—

C. Boatman, *Ex-Officio Chrm.*
S. C. Rice
C. N. White
K. H. Tuggle
Mrs. F. D. Sampson
S. L. Renfro

Finance—

K. H. Tuggle
Alvis S. Bennett
H. E. Bullock
H. R. Kendall
T. W. Appleby
E. S. Woosley

Endowment—

H. E. Bullock
L. M. Walter
H. M. Zimmerman
J. F. Blair
H. R. Kendall
T. W. Appleby
K. H. Tuggle

Buildings and Grounds—

Mrs. F. D. Sampson
W. M. Slusher
J. H. Richardson
J. Ralph Wood
W. C. Stewart
M. A. Galbraith

Personnel and Policy—

H. A. Sprague
U. V. W. Darlington
C. E. Vogel
J. W. Weldon
A. R. Perkins

Development—

H. M. Zimmerman
Mrs. F. D. Sampson
J. H. Richardson
H. A. Sprague
W. C. Stewart
C. N. White

ADMINISTRATIVE STAFF

Conway Boatman ..... *President*
Charles R. Wimmer ..... *Dean of the College*
Margaret Dunaway ..... *Dean of Women*
Frank K. Burgess ..... *Registrar*
Carson McReynolds ..... *Secretary to the President*
Perma A. Rich ..... *Librarian*
Cleona L. Case ..... *Catalog Librarian*
James F. Blair ..... *Treasurer*
Dorothy Tinley Golden ..... *Assistant Treasurer*
Virgil C. Welch ..... *Director of Public Relations*
Florence Weiser ..... *Dietician*
E. A. Bender ..... *Superintendent of Buildings and Grounds*

THE FACULTY

CONWAY BOATMAN, A.B., B.D., M.A., D.D. (1938) Baldwin Place
President

CHARLES R. WIMMER, M.S., Ph.D. (1932) 403 College Street
Dean of the College
Professor of Chemistry and Head of Department of Physical Science

B.S., Allegheny College, 1923; M.S., Ohio State University, 1925; Ph.D., University of Cincinnati, 1932; graduate study, Yale University, 1928-1929; Columbia University, summer 1942.

WAYNE T. GRAY, M.A., Ph.D., (1930) College Street
Professor of Sociology and Head of the Department of Sociology and History

B.S., University of Nebraska, 1922; A.M., University of Wisconsin, 1928; Ph.D., ibid., 1932.

HARWELL P. STURDIVANT, M.A., Ph.D. (1932) Sycamore Street
Professor of Biology and Head of Department of Biology

B.S., Emory University, 1925; A.M., ibid., 1926; Ph.D., Columbia University, 1932.

BYRON H. GIBSON, A.M., Ph.D. (1932) 411 College Street
Professor of English and Head of the Department of Languages

A.B., Birmingham-Southern College, 1928; A.M., University of Illinois, 1929; Ph.D., ibid., 1931.

CHARLES M. LAYMON, S.T.B., Th.D. (1935) 325 College Street
Francis Landrum Memorial Professor of Bible and Philosophy and Head of the Department of Bible and Philosophy

A.B., Ohio Wesleyan, 1927; S.T.B., Boston University, 1931; Th.D., ibid., 1941; New College, University of Edinburg, Edinburg, Scotland, 1932. Harvard University, second semester 1939 and 1940.

OTIS C. AMIS, M.A., Ph.D. (1942) 420 College Street

Head of the Department and Professor of Education and Director of Extension

A.B., Eastern State Teachers College, 1929; M.A. University of Kentucky, 1934; Ph.D., Cornell University, 1939. Graduate study, George Peabody College for Teachers, 1930-31.

JOSEPH B. JAMES, M.A., Ph.D. (1940) Sycamore Street

Professor of History and Head of the Department of History

B.A. in Education, University of Florida, 1934; M.A., ibid., 1935; Ph.D., University of Illinois, 1939.

J. R. BACON, A.B., M.A. (1929) Knox Street

Professor of Physical Education and Head of the Department of Physical Education

A.B., Kentucky Wesleyan, 1926; M.A., University of Kentucky, 1939; six-weeks' summer term, University of Iowa, 1929.

*HOWARD E. AKERS, B.M., M.M. (1941) Knox Street

Associate Professor of Music

B.M., Illinois Wesleyan, 1936; M.M., Illinois Wesleyan, 1940.

PERMA A. RICH, A.B., B.S. in L.S. (1936) College Street

Librarian

A.B., Indiana University, 1921; B.S. in L.S., University of Illinois, 1928; Columbia University, summer 1931; University of Chicago, summer 1941.

KATHLEEN MOORE, A.B., M.A. (1937) Mitchel Apartments

Assistant Professor of Education

A.B., Mississippi State College for Women, 1926; M.A., Teachers College, Columbia University, 1929; Teachers College, Columbia University, summer, 1932; Ohio State University, summer of 1940.

**GEORGIA M. HASWELL, A.B., A.M. (1929) North Main Street

Assistant Professor of Physical Science

A.B., Ohio Wesleyan, 1926; graduate study: Ohio Wesleyan, 1929-1930, summer quarter 1934, 1935; three quarters, Ohio State University, 1929, 1930, 1931; A.M., Ohio Wesleyan, 1936.

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*Resigned Dec. 16, 1942, to enter Armed Services.

**Resigned January 23, 1943.

STELLA WARD, A.B., A.M., (1934) Pine Street

Assistant Professor of English

A.B., Eastern Kentucky State Teachers College, 1929; A.M., George Peabody College for Teachers, 1934, summer 1941; Cornell University, summer, 1937.

MARGARET DUNAWAY, A.B., M.A. (1942) Pfeiffer Hall

Dean of Women and Assistant Professor of Romance Languages

A.B., Hendricks College, 1928; M.A., Columbia University, 1931; Graduate study, Sorbonne, Paris, 1931; Middlebury French School, summers 1934, 1940. Graduate study, George Peabody College for Teachers, summer 1942.

ALICE ROBERTSON SMITH, A.B., M.A. (1942) Pfeiffer Hall

Assistant Professor of Home Economics

A.B., Cumberland University, 1922; graduate work, University of Texas, 1925-26; fine arts, George Peabody College for Teachers, summers, 1931 and 1934; Music School of Potomac State College 1929-30, 1930-31, 1931-32; M.A., Columbia University.

FRANK K. BURGESS, A.B., M.A. (1935) Pine Street

Registrar and Instructor in Mathematics

A.B., Union College, 1935; M.A., University of Kentucky, 1940.

SADIE WORLEY, B.S., M.A. (1940) Court Square

Assistant Professor of Secretarial Science

B.S. in Education, Miami University, 1934; M.A., Ohio State University, 1940; University of Cincinnati, 1934-37; University of Toledo, 1937-39.

WALLACE B. TURNER, A.B., M.A., (1943) Main Street

Assistant Professor of History

A. B., Georgetown College, 1932; M.A., University of Kentucky, 1933; Graduate study, University of Arizona, 1937-38; Duke University, 1938-39.

AMANDA FRANCES PURDOM, A. B., M.A. (1942) Court Square

Instructor in Physical Education

A.B. Centre College, 1938; M.A. University of Kentucky, 1941.

WILLIAM M. WILSON, A.B., M.A. (1937) Pine Street

Assistant Professor of Education in Summer Sessions

A.B., New Mexico Normal, 1925; M.A., George Peabody College for Teachers, 1928; graduate work, ibid., summer sessions 1930 and 1931.

CLEONA L. CASE, B.C., B.S. in L.S. (1941) Speed Hall

Catalog Librarian

B.S., University of Minnesota, 1901; B.S. in L.S., University of Illinois, 1928; Columbia University Library School, summer, 1931.

KATHERINE VAN DEUSEN SUTPHEN (1932) Speed Hall

Instructor in Piano and Art

Graduate, Soloist's Diploma, New England Conservatory of Music, Boston, Mass.; University of Illinois, summers 1919-1920; organ under Dr. J. Lawrence Erb; University of Nebraska, summers 1921, 1922; University of Washington, D. C., summer 1924; Graduate and Certified Teachers of "Godowsky's Progressive Series."

IDA MAE PIERATT, A.B. (1943) 202 Black Street

Instructor in Secretarial Science

A.B., Berea College, 1939. Graduate study, University of Kentucky, summer of 1942, Fall quarter, 1942-43.

ELMA A. RANDALL, A.B. (1942) Stevenson Hall

Personnel Adviser in Men's Dormitory and Instructor in Music

A.B., Albion College, 1909. Graduate study, Albion College, 1909-10.

STUDENT ASSISTANTS

BILL RAY GREENE ..... *Biology*
JOE REESE ..... *Chemistry*
CHARLES ROBERTS ..... *Chemistry*
DIXIE SWIM ..... *Chemistry*
CHARLES TOLLE ..... *Biology*
BARBARA TYE ..... *Biology*
FRED WELLER ..... Biology

CRITIC TEACHERS—BARBOURVILLE CITY SCHOOLS

Alma A. Black

A.B., Carson-Newman College, 1938; graduate work: University of Kentucky, 1940; George Peabody College for Teachers, 1941.

Bernice Hughes

A.B., Union College, 1934; graduate work: Western Kentucky State Teachers College, 1935; George Peabody College for Teachers, 1936; University of Cincinnati, 1937, 1938, 1939, 1941.

Jamima Frederick

A.B., Union College, 1933; graduate work: University of Kentucky, summer 1935.

T. J. Jarvis

A.B., Union College, 1927; graduate work: University of Kentucky, 1939-40, 1941-42, summers, 1935, 1940, 1941.

Zella Pelly Jarvis

A.B., Union College, 1932; graduate work: University of Kentucky, summers 1934, 1935, 1937, 1938, 1941.

Amanda Hammond Mitchell

B.S., Union College, 1933, graduate work: University of Kentucky, summers 1934, 1935, 1940, and 1941.

Kathryn Parker

A.B., Union College, 1932; graduate work: University of Kentucky, summer 1938.

Mrs. Roberta Tye

A.B., Union College, 1931.

H. D. Tye

B.S. in Education, Union College, 1934.

Thomasina Reiser

A.B., Southeastern Oklahoma State College, 1928.

HISTORY OF UNION COLLEGE

Union College was founded in 1879 by a group of progressive citizens of Barbourville, who formed a stock company and by donation secured the main part of the present campus. In 1880 the first building was formally opened on the site of the present Administration Building. Mr. A. H. Harritt, who was instrumental in the organization of the school, was its first Principal. The local group soon discovered that the debt for the new building was too great for them to carry, and accordingly, in 1886, the buildings and property were ordered sold by the court. The Rev. Daniel Stevenson, the President of Augusta Collegiate Institute at Augusta, Kentucky, took interest in Union College, and in 1886 purchased the property for the Board of Education, Kentucky Conference, Methodist Episcopal Church. He became the first President under the new management, and during his term was instrumental in enlisting the friendship of Mrs. Fanny Speed, who later left the College a legacy that guaranteed its permanence.

Dr. Stevenson ranks as one of Kentucky's foremost educators. He was graduated from Transylvania University when Dr. Henry Bascom was its President. As a member of the Kentucky Conference, Methodist Episcopal Church, South, he was one of the leaders who helped in founding Kentucky Wesleyan College, now located at Winchester, Kentucky. In 1863 he was elected the first full-time superintendent of public instruction in Kentucky and exercised a wide influence in popularizing public education throughout the state. He brought this mature experience to Union College and placed its objectives in clear view.

Upon the death of President Stevenson in 1897, the Rev. James P. Faulkner, a member of the first graduating class of Union College, was elected to succeed him. During the administration of President Faulkner the college came into possession of the bequest of Mrs. Fanny Speed, and from that time its expansion was marked. During the same administration Fanny Speed Hall and the Central Heating Plant were planned and the work on the buildings was begun. These buildings were not available for use, however, until the beginning of the next administration, that of Rev. James W. Easley, B.D., A.M., whose term of office began in 1905. During the summer of 1906 the Administration Building was struck by lightning and burned. One year later it was replaced, and Stevenson Hall, home for men, was erected. The coming of the elective system and the broadening of the curriculum made a college program seem like an impossible task to those in charge. The college department was therefore discontinued in 1908, and for eight years the institution was maintained only as an academy and an elementary school.

Upon the resignation of President Easley in 1910, the Hon. James D. Black, L.L.D., of Barbourville, later Governor of Kentucky, became the fourth President of Union College. The two years of President Black's connection with the school are remembered as years of substantial growth.

For the next three years the school was under the leadership of President Percy L. Ports, who for several years had been Professor of Natural Science. He was followed in 1914 by the Rev. E. R. Overley, who served as Acting President. This was the critical period in which the nature of the work that Union College should do in the future was being determined.

In 1914 the Board of Education of the Methodist Episcopal Church, through its corresponding secretary, Dr. Thomas Nicholson, became interested in Union College and assisted the Board of Education of the Kentucky Conference in planning for its future. The Rev. Ezra T. Franklin, elected President in the same year, worked in close co-operation with the Board of Education of the Methodist Episcopal Church and soon formulated a far-reaching and practical program. In 1919 the Memorial Gymnasium was built; in 1925 a home for the President was completed. A development program, inaugurated in 1921, helped to provide these improvements and materially aided in increasing the invested funds of the college.

In 1927 a bequest of $50,000 was received from the estate of Mrs. Obed H. Wilson for the establishing of a professorship known as the "Francis Landrum Professor of Ethics and Moral Conduct."

President Franklin severed his relationship with Union College November 15, 1928, to become President of Southwestern College, Winfield, Kansas. He was succeeded on February 1, 1929, by the Rev. John Owen Gross.

President Gross, from the beginning of his administration, emphasized the improvement of instruction and the building of a strong faculty. His ambition was to see Union College accredited by all the regional agencies. That his ambitions were reached is well shown by the accreditation the college now has. President Gross succeeded in improving the quality of work of Union College and in broadening the service to the area which the institution renders. During his administration, land adjacent to the campus was purchased, thus making possible further expansion of the college. A modern maintenance building housing the central heating plant, workshops, and several classrooms was erected during his administration.

President Gross resigned on August 20, 1938, to accept the position of President of Simpson College, Indianola, Iowa. He was succeeded on November 4, 1938, by Dr. Conway Boatman.

ACCREDITATION

The college department was closed in 1908 and no other work at this level was given until 1916. The need for a standard college in southeastern Kentucky became evident. Therefore, a program was adopted to discontinue the elementary and secondary departments and develop a college of liberal arts. In 1927 Union College was accredited by the University of Kentucky as a four-year college of A grade; in 1928 it was admitted to membership in the Association of Colleges and Universities of Kentucky; in 1931 it was accredited by the University Senate of the Methodist Episcopal Church; and in 1932 it was elected to membership in the Association of American Colleges. On December 1, 1932, its program for full accreditation was realized when it was made a member of the Southern Association of Colleges and Secondary Schools. The Board of Regents of the University of the State of New York placed Union College on its accredited list in 1937.

LOCATION

Union College is located in Barbourville, the county seat of Knox County, Kentucky, near the southeastern corner of the state. It is within thirty-five miles of the cornerstone of three states—Kentucky, Virginia, Tennessee. Barbourville is a town of about 3,000 population, located in a broad valley at the confluence of Richland Creek and the Cumberland River. It is surrounded by low hills of the Cumberland Mountain range. The town has such modern conveniences as natural gas, water works, electric lights, and paved streets. There are Baptist, Disciple, and Methodist Churches, and two accredited high schools, county and city. Barbourville is located on U. S. Highway 25E. Busses that make connections with points north and south pass through the town regularly. It is also on the Cumberland Valley Division of the Louisville and Nashville Railroad.

AIM AND PURPOSE

The constitution of Union College provides that it shall "devote its effort to the interest of Christian education and to qualifying and equipping men and women to engage creditably in the various employments, callings, and avocations of peaceful and progressive society and to discharge honorably and usefully the various duties of life." It is not a sectarian school, but is endeavoring to render impartial service to all who may come, especially to the young people of the mountain territory in which it is located. Union College endeavors to maintain a Christian atmosphere by securing for its faculty those persons who can accept, heartily and without reserve,

the ideals for which the school stands. In its chapel exercises and special religious meetings it emphasizes the importance of accepting Christ as a Personal Redeemer, Constant Guide, and inspiring Ideal.

BUILDINGS

ADMINISTRATION BUILDING.—This building was erected in 1907 on the site of the one that was burned in 1906. It is a three-story structure of brick trimmed with Tennessee marble; it contains the various classrooms and laboratories, the chapel, and administrative offices. The ground floor also houses the kitchen and dining room.

SPEED ARTS BUILDING.—This building, which was formerly the Speed Hall Dormitory for women, houses the Fine Arts and the Practical Arts divisions. Music and Art have their studios and the Home Economics Division has its laboratories and class rooms in this building.

STEVENSON HALL.—The dormitory for men is a two-story brick building of colonial design. The rooms accommodate two students each. Some of the rooms have running water.

MEMORIAL GYMNASIUM.—This building was erected in 1919 as a Memorial to the Soldiers and Sailors of the World War. It contains a regulation basketball court, showers, lockers, and dressing rooms.

LIBRARY BUILDING.—Union's new library, which houses approximately 16,000 books, and receives regularly 290 periodicals, was opened for use January 13, 1941. A large reading room with space for 150 readers houses the reference books, current magazines, and bound periodicals. Books reserved for special class use are shelved in a smaller reading room on the second floor. In this room are also the books of fiction and the books given the International Relations Club by the Carnegie Corporation for International Peace. Well equipped workrooms and tastefully furnished lounge rooms add to the efficiency and beauty of the building. The library was adequately furnished throughout by Mrs. Abbie E. Stewart, of Des Moines, Iowa, in memory of her husband, George B. Stewart.

BALDWIN PLACE.—This part of the campus was made possible by the gifts of Mr. and Mrs. F. E. Baldwin, Elmira, New York. The President's home is located on this site.

MAINTENANCE BUILDING.—This building was erected in 1937. It is a two-story brick building that contains the central heating plant and college shops. The woodworking shop was equipped by a gift made from the estate of the late Robert Norton, of New Albany, Ind.

CAMPUS COTTAGE.—This, the oldest building on the campus, a frame cottage of six rooms, was erected and occupied by Dr. Stevenson during his Presidency.

CAMPUS

Union College is proud of its beautiful campus. The buildings, connected by concrete walks, are attractively placed among different varieties of native trees. The athletic field, lying immediately back of the gymnasium, contains about four acres and affords ample room for outdoor games. There are also four hard clay tennis courts and a baseball diamond.

PFEIFFER HALL

In January, 1943, the new women's resident hall, Pfeiffer Hall, was completed and occupied. This modern, fireproof resident hall has capacity for 88 girls. This is a most delightful residence in all its appointments. In addition to bedrooms on first floor, there is the large general parlor, the faculty and senior parlor, the kitchen and serving room, two guest rooms, four-bed hospital, and ironing room. On the second floor are the commodious lounge and play rooms. Student bedrooms are thoroughly furnished with new furniture, beautiful and comfortable. Four large general bath and lavatory rooms provide ample facilities without any crowding. Union takes pride in offering to women resident students living facilities second to none in the nation.

LABORATORIES

The Departments of Biology, Physical Science, and Home Economics adequately equipped for handling all the elementary and advanced undergraduate courses which are offered.

PUBLICATIONS

Union College Bulletin.—An official quarterly bulletin, the April issue of which is the catalog number. This bulletin is sent free on request.

Orange and Black.—This periodical is a monthly newspaper published by the students.

ATHLETICS

Union College is a member of the Southern Intercollegiate Athletic Association. The college promotes athletics for physical development and as a vital part of the program of extracurricular activities. In intercollegiate competition the college is represented by varsity teams in basketball, and tennis. In this war time, maintenance of varsity teams will depend on enrollment of men.

The program for intercollegiate sports emphasizes the protection of the best interests of the student athlete.

Union teams are noted for "clean" sport and winning record—hard to defeat—sport for fun and character building are fundamental. The Union College basketball team was runner-up in the K.I.A.C. basketball tournament in 1941 and in 1942.

Under the Department of Physical Education, schedules of intramural sports are conducted, including volleyball, playground ball, tennis, horseshoes, handball, and basketball. It is the aim of the college to provide some form of athletic activity for each student.

HEALTH

Through the Department of Physical Education, Union College attempts to give aid to all students in matters concerning their health. At the beginning of each semester thorough physical examinations are given under the direction of physicians. This examination is compulsory. Any student who will not submit to the examination cannot remain in college. Individual conferences are held with all students whose examinations reveal any physical defects, and advice is given. The results of this examination are also used in determining what part students can take in the althletic and physical eductaion programs.

Union College maintains free infirmary service for brief illnesses of two or three days. Since the College does not have the facilities for taking care of protracted illness of longer duration than a week, arrangements for further medical care must be made by the student or his parents.

When a physician is needed the patient may request the College nurse to call a physician, whose fee is to be paid by the student, but such bills may be handled at the College business office by special emergency arrangements.

GENERAL REGULATIONS

STUDENT CONDUCT.—Each student is expected to conduct himself at all times according to the rules of good society. Restrictions and regulations have been reduced to a minimum, and these are intended to foster standards and ideals that emphasize the development of Christian character. Only young people who can work in harmony with the aim and purpose of Union College should apply for admission. In fact, students who are careless in conduct or wasteful of time and opportunity may be dismissed from the college.

SOCIAL LIFE.—The students are encouraged to accept every legitimate opportunity to engage in social affairs. The faculty appreciates the benefit and value growing out of well-directed social activity. Student organizations, the faculty, and local churches make desirable contributions for the promotion of social life. All

social functions, hikes, and picnics are chaperoned and subject to the rules and regulations of the College. Chaperones must be approved by the Dean of Women.

Residents of Pfeiffer Hall are allowed to receive visitors in the parlor by the permission of the Dean of Women, who may require the written consent of the parents whenever she may deem it necessary. Times for social privileges and events are designated.

Residence.—A student who does not live with his immediate family will be required to room in a college dormitory unless special permission is given by the administration. Request for such special permission should be made to the President.

Tobacco.—Since the use of tobacco is against the ideals of Union College, students are forbidden to use tobacco on the campus or in the dormitories except as provided in Stevenson Hall.

Intoxicating Liquor.—No intoxicating liquor shall be used by a student while he is enrolled in Union College. Any student violating this regulation will be required to withdraw from College.

Firearms.—Firearms of any kind are forbidden in the dormitories and on the campus.

Chapel Attendance.—All students are required to attend the regular chapel exercises of the College.

Religious Services.—Each student is expected to attend the church school and services of the church of his choice. It is also expected that students will attend the religious services under the direction of the College.

STUDENT ORGANIZATIONS

The Union College Christian Association.—A union of the Y.W.C.A. and the Y.M.C.A. which has for its objects the following:

To enable its members to live a richer life through a growing knowledge of God and a deeper understanding of Jesus Christ, His Son.

To sponsor good-will projects throughout the year.

To co-operate with other campus organizations in order to promote fellowship and social activities.

The U.C.C.A. sponsors the College vesper service each Thursday evening.

All students in the college are eligible for membership in the U.C.C.A.

Playlikers Club.—This club presents the college dramatic productions. It is devoted also to the study of drama. Membership is open to all students who are interested in dramatics.

Alpha Psi Omega.—Union College maintains a chapter of

Alpha Psi Omega, national honorary dramatic fraternity. Students who excel in dramatics are chosen for membership.

FORUM.—This organization offers an opportunity to the entire student body to engage in a free exchange of ideas and information on subjects of general interest, whether of a purely local, national or international nature.

A CAPPELLA CHOIR.—This is a selected group of men and women who sing as a mixed chorus, a women's ensemble, and a men's ensemble. The organization makes a concert tour each year.

OXFORD CLUB.—This is an organization of the young men who are anticipating the ministry as their lifework.

BETA CHI ALPHA.—This is a sorority which stresses social and cultural development.

"U" CLUB.—This organization is for the athletes who have won letters on a varsity team.

ZETA SIGMA PI.—The Union College chapter of this national organization is an honorary Social Science fraternity and its membership is open to majors and minors of this department who show special ability.

STUDENT FELLOWSHIP GROUP.—This group is open to all Union College students and meets regularly for round-table discussions of topics which are of vital interest to young people. It is sponsored by the Bible Department.

SECRETARIAL SCIENCE CLUB.—This club is open to all students who are enrolled in one or more courses in the Division of Secretarial Science.

SCIENCE CLUB.—A club organized by those who are interested in modern science.

FUTURE TEACHERS OF AMERICA.—The John Owen Gross Chapter. The Future Teachers of America is a national organization sponsored by the National Education Association. The local chapter is sponsored by the Department of Education.

HOME ECONOMICS CLUB.—A club sponsored by the Division of Home Economics.

ART CLUB.—Art service to the college and community is the aim of this club. Presenting of exhibits and assisting in stage decorating are major activities. Interest in applied art is the only requisite for membership.

EXPENSES

The academic year of nine months is divided into three quarters of approximately three months each. The expenses quoted below are for the entire session of nine months. A quarter's expense, that is one-third year, may be determined by taking one-third of the amount of the items below:

Registration Fees	$ 60.00
Tuition	90.00
Room and Board*	198.00
Total cost for a boarding student	$348.00
Total cost for a non-boarding student	$150.00

One dollar per month extra room rental is charged for residents of Pfeiffer Hall.

Students enrolling for less than ten quarter hours will not be required to pay the registration fee unless they are enrolled in secretarial science or home economics or in summer session.

TERMS OF PAYMENT

The business office requires that payment of one full quarter; that is, one-third the above totals, be paid in advance and at the time of registration. The privilege to pay by installments can be granted only by special application to the business manager and such arrangement should be made by those desiring to pay by installments prior to the day of registration. A carrying charge of $6 per year for non-boarding students and $12 per year for boarding students will be added to the bills of those who pay by the installment plan.

Final examinations will be withheld from students who have any bills unpaid for that quarter at the beginning of the quarter examinations. This rule will be strictly adhered to, and both the student and family should understand it before registration.

If a student withdraws during a quarter and requests refund for advance payments, the following rule will determine the amounts refunded.

1. Room and board and tuition will be refunded in full amount unused to date of withdrawal. Full week is charged for fraction of week.

2. No fees are returnable.

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*Vacation periods are not included in this quotation. Also, the college reserves the right to increase the rate for table board if war conditions greatly increase the cost of foods. Only extreme conditions will make this necessary.

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SPECIAL FINANCE REGULATIONS

The following special fees are charged to persons who incur them:

A second transcript of credits (one week's notice required)	$ 1.00
One day late registration fee	1.00
**Two days late registration fee	2.00
**Three or more days late registration fee	3.00
Change in schedule fee	1.00
Special examination fee	1.00
Supervised Student Teaching fee for each course	8.00
Tuition for students taking less than ten quarter hours (per quarter hour)	4.00
Dormitory caution deposit per quarter (returnable if nothing is broken or lost)	3.00
Chemistry caution deposit per quarter (returnable if nothing is broken or lost)	1.00
Office machines and typewriter fee (per quarter)	2.00
Laundry fee at Pfeiffer Hall per quarter	1.00
Graduation fee (for academic degrees)	10.00
Graduation fee (for Secretarial Science Diplomas)	5.00
Graduation in absentia fee	10.00
Summer session tuition, for each quarter hour	2.50
Summer session registration fee, for each term	10.00
Home Economics fee per quarter	3.00

Special tuition in piano, voice, violin, or other orchestral instruments:

Two half-hour lessons per week for one quarter	20.00
One half-hour lesson per week for one quarter	12.00
Two quarter-hour lessons per week, for children, one quarter	7.00
Use of practice piano per quarter	3.00

STUDENT SELF-HELP

1. WORKSHIPS

The College seeks to employ as many students as possible for service jobs on the campus. Such jobs consist of stenographic work in College offices, science laboratory assistance, service in the dining room and kitchen, in the library, the repair shop, and printing shop, and on the small college farm. Each job is organized on the basis of so many hours per week of service, and the remuneration is 25 cents per hour uniformly for all jobs of student service. Each

**Teachers whose schools are not out at time of registration will not be charged late registration fees.

job is under the supervision of a faculty member or employee who supervises the student work and makes monthly time report to the business office where credit on the hour basis is entered on the student's account. For unsatisfactory work or attitudes the Director of Student Labor will withdraw the assigned job without notice and require a cash payment as a substitute the remainder of the semester. Also a student worker must maintain a "C" average in his academic record in order to be continued on a service job.

Applications for service jobs may be received any time and a tentative assignment for service jobs may be made before registration date. But in most instances specific job assignments are usually made the week of registration for all who have previously been assigned student work in a general way without specific job assignment. A workship deposit of $2 is required for the reservation of work aid (as is the requirement for aid of any character) which will not be returned should the applicant not enroll in the College; but on registration will be applied on the student's regular expense account.

There are three sizes of workships: a $125 job requiring about fifteen hours of service per week the college year; a $100 job requiring about twelve hours of service per week the college year, and a $75 job requiring about nine hours of service per week the college year.

2. HONOR SCHOLARSHIPS

A fund for HIGH SCHOOL VALEDICTORIANS of $2,000 is set aside to be awarded in either $100 or $50 scholarships. Scholarships of $100 value will be awarded valedictorians who come from Class A high schools. Scholarships of $50 value will be awarded valedictorians who come from high schools not on the Class A list.

3. GRANTS

MINISTERIAL AND FULL-TIME COLLEGE EMPLOYEE GRANTS.—By action of the Board of Trustees of the College, student ministers who are licensed to preach, the children of ministers in good standing, who are employed full time in the service of the church and are dependent on the income of such services, and the children of full-time College employees may receive a grant covering half tuition, provided other form of aid is not being received. For a full-time student this will mean a grant of $50 a year. However, this grant is not applied in an automatic manner. The applicant must have a satisfactory academic and conduct record in the past and will come under the general rule of the "C" average requirement for the continuance of aid after it is granted.

THE REV. JOSHUA S. TAYLOR AND MRS. ELIZABETH TAYLOR, of Middlesburg, Kentucky, left to Union College the sum of $3,100, the income of which is to be used to help some needy young man studying for the ministry in the Methodist Church of Kentucky.

The late JOHN A. BLACK, one of the founders of Union College, left $5,000 to the College, the income to be used for grants for young people who are preparing for some form of Christian work.

4. LOANS

THE BOARD OF EDUCATION of The Methodist Church appropriates a small amount each year from the Children's Day offering to lend to worthy students who are members of The Methodist Church.

THE ELIZABETH GATES MEMORIAL LOAN FUND was established in 1930 by Mrs. Waldo Brown, of Knoxville, Tennessee, in memory of the mother of John B. Gates, a former student at Union College.

Dr. Guy G. Williams, of Cleveland, Ohio, in memory of his wife, ANNA G. WILLIAMS, established a memorial loan fund in 1934. Students who have spent two years in Union College and whose scholarship is "C" average or above, and whose character indicates dependability in returning the loan, are eligible to make loans from this fund. The amount of funds available varies year by year according to the contributions of the donor.

KING LOAN FUND.—Reverend and Mrs. Erwin King have provided a revolving loan fund of $3,500 to aid worthy ministerial students in their junior and senior years. To qualify for this loan students must possess high qualities of character and scholarship. About $700 of this fund will be available each year.

All scholarships, grants, workships or loans are awarded through application made to the President of the College. Such applications for aid should be received at the President's office well before the registration dates and require an advance deposit of $2 as an aid reservation fee which, if the applicant does not enroll will not be returned, but on registration will be credited to the student's expense account. The Board of Education loan is the single exception to reservation deposit.

STANDARDS FOR STUDENTS RECEIVING FINANCIAL AID

Only students whose scholarship training and ability indicate leadership and promise for future usefulness and who have an actual need may be given financial assistance in the form of scholarships, workships, or loans. Students who have been granted financial aid must maintain an average scholastic standing of at least "C" (standing of 1.00) in order to remain eligible for financial aid. This average scholastic standing is based on all college hours

for which a student has registered since he entered Union College.*

If at the end of any quarter a student does not meet the above conditions he will not be eligible to receive financial assistance.

A student who fails to meet this requirement may become eligible when he has raised his standing to a "C" (standing of 1.00).

Quarter hours and quality points made during summer sessions will not be counted in determining the eligibility for continuance of financial aid until a student has completed sixty-six quarter hours in residence at Union College.

Students receiving financial assistance of any kind from the College may at any time be deprived of that aid if they are negligent in the performance of their duties or if they are careless in their conduct.

BOARDING STUDENTS' OUTFITS

Boarding students should bring the following articles: Pillow slips, sheets, pair of blankets, quilt, counterpane, towels, and covers for bureau and washstand.

ADMISSION

All applicants for admission to Union College must present satisfactory evidence of their previous academic training and of good character. Blanks for application for admission and for transfer of high school units may be secured by writing to the Dean of Union College. It is not possible to classify students accurately or to arrange a satisfactory and well-articulated program unless certified entrance units and official transcripts of previous college work are on file at the College before registration. Transcripts brought by students are not considered as official. Applicants who are accepted will be classified, depending upon previous training, as freshmen, as students with advanced standing, or as special students.

ADMISSION TO FRESHMAN CLASS.—An applicant for admission to the freshman class must submit fifteen units of standard high school work. Three of the fifteen units must be in English. Seven additional units must be in the recognized academic subjects. The remainder may be in vocational subjects.

Applicants who have earned at least fifteen units of high school

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*This rule, however, does not apply to freshmen during their first quarter. During the first quarter of the freshman year, a student must make an average of .75 to be eligible for continuance of aid the second quarter. To be eligible for aid the first quarter of the sophomore year a student must make a standing of 1.0 for the third quarter of the freshman year or have a quality point standing of 1.0. At the end of the first quarter of the sophomore year, continuance of aid requires a standing of 1.0 on all college hours for which he has registered at Union. See page 33 for definition of Quality Point Standing.

work which are satisfactory for entrance may be admitted by one of the following plans:

1. *Admission by certificate.*—Graduates of high schools in Kentucky that are accredited by the Association of Colleges and Universities of Kentucky, and graduates of high schools of other states that are accredited by some recognized agency, are admitted to the freshman class without examinations.

2. *Admission by examinations.*—Applicants who are graduates of non-accredited high schools, and applicants who submit a minimum of fifteen credits from accredited high schools but who are not graduates, are required to pass entrance examinations.

ADMISSION TO ADVANCED STANDING.—Applicants who desire admission with advanced standing must present credits from an accredited junior college or from a standard college or university. The transcript of credit must show that the applicant has been honorably dismissed and that entrance requirements of Union College have been met. The credit to be allowed and the classification given will be determined by the Dean in conference with the heads of the departments concerned. All credit allowed is tentative until the candidate has proved himself capable of pursuing the advanced courses entered.

ADMISSION AS A SPECIAL STUDENT.—It is very desirable that all students continue their studies to graduation. Even when a student does not expect to graduate, it will usually be wise to pursue one of the regular courses while in College. Irregular selection of studies will not be permitted without good reason. However, applicants who are persons of mature years, who give evidence of well-defined purpose, and whose desire to pursue some special line, or lines, of work without becoming candidates for a degree, may be admitted as Special Students. Such students are subject to the same regulations as other students with regard to the quality of work done and attendance upon College exercises.

FRESHMAN INSTRUCTION AND REGISTRATION

All members of the freshman class must be present at 9 A. M., Wednesday, September 22, 1943. A program of vital interest to all beginning students will be held on September 22. At this time problems peculiar to beginning students will be considered. Some of the topics discussed will be "How to Study," "How to Budget Your Time," "The Transition From High School to College," and "What to Expect From a Program of Christian Education." The faculty of the College will be present to aid students in registering and offer advice in choosing courses.

CLASS AND CHAPEL ATTENDANCE

The following regulations govern class and chapel attendance:

1. Regular attendance in all classes at chapel required.
2. Students will be held responsible by the instructor for all work missed because of absence. Final class marks will not be given unless the work missed is made up satisfactorily.
3. Absence from classes preceding or following holidays or regular vacations shall receive double penalty. This rule applies to first and second consecutive absences preceding or following holidays or vacations.
4. Three unexcused tardy attendances shall be considered equivalent to one absence and shall be reported as such. Excuses for tardy attendance may be granted only by the instructor.
5. A student will be allowed as many absences from each class as the number of times each class meets per week during a regular semester. A student will also be allowed four absences from chapel. These allowances are made to take care of all emergency absences from such causes as minor illness, death in the family, difficulty in transportation, etc.
6. A student shall be penalized by the reduction of his quality point standing by one quality point for each absence in excess of the allowed number. This penalty is applied at the end of each quarter and is employed in determining the eligibility for Supervised Student Teaching, continuance of financial aid, etc.
7. Absences incurred by students while representing the College or while on class observation trips shall be excused on recommendation of a faculty member.
8. No other absences shall be excused even those due to late registration or long serious illness. Such absences may be excused only by faculty action. Written request for this faculty action must be made to the Dean not more than one week after the absences are incurred.
9. Students who are absent from a test must take a special examination or receive a grade of zero in that test. A fee of one dollar is charged for each special test unless the absence is due to representing the College.

EXAMINATIONS AND REPORT OF MARKS

Examinations are held at the close of each quarter. Tests are held at various times during each quarter as the instructors may determine. Final marks are reported by the instructors to the Regis-

trar. A copy of this report is given to the student. Parents or guardians may secure these reports by writing to the Dean. Only the final marks become a part of the permanent record. Test and examination marks together with the daily marks constitute the final mark.

THE MARKING SYSTEM AND QUALITY POINTS

Marks are reported in letters as follows:

A.—Represents distinctly superior work, valued at three quality points for each quarter hour.

B.—Represents better than average work, valued at two quality points for each quarter hour.

C.—Represents average work, valued at one quality point for each quarter hour.

D.—Represents unsatisfactory but passing work, valued at 0 quality points.

E.—A condition incurred at the end of any quarter must be made up during the next quarter that the student is enrolled or within one year if he does not enroll within that year. If the student enrolls in a course which requires the passing of the conditioned course as a pre-requisite, the condition must be removed within two weeks of the beginning of the quarter.

F.—Indicates failure with 0 credits and 0 quality points. This mark cannot be removed or changed except by repeating the course. The hours of "F" will be counted in figuring quality point average.

I.—Indicates that some required work of the course has not been completed. The same regulations for removal of a mark of "E" apply for the removal of a mark of "I," except as follows,—

A student who does not take final examinations at the end of a quarter will be given temporary registration in the next quarter for a period of two weeks. If all arrangements for taking final examinations are made within the two weeks, the temporary registration will be removed. If arrangements for the final examinations are not made, the student's registration will be cancelled at the end of the two weeks. All final examinations for courses which are pre-requisites to courses for which the student may be enrolled the next quarter, must be taken by the end of the two weeks. Failure in any of these pre-requisite courses will cancel the student's enrollment in an advanced course. All final examinations must be completed within eleven weeks after a student's registration for the next quarter in which he enrolls or within 1 year if he does not enroll within that time.

A student who does not take final examinations at the end of

the third quarter or either summer term must arrange for and take the examinations which he has missed before the first day of the first quarter of the school year following.

W.—A mark of "W" is given for any course dropped during the first three weeks of any quarter. If a student withdraws from a course after the third week, a mark of "W" is given if he has a passing mark at the time of withdrawal. If a student withdraws from a course after the third week, a mark of "WF" is given if he does not have a passing mark at the time of withdrawal. The mark of "WF" carries the same penalties as the mark of "F" described above. A student cannot at any time after registration withdraw from a course except by permission from the Dean, and after the first week of the semester, permission must also be secured from the instructor of the class.

QUALITY POINT STANDING

The quality point standing of a student is determined by dividing the total quality points which he has earned by the total number of quarter hours for which he has registered.

SCHOLASTIC REGULATIONS

If at the completion of the first forty-five registered quarter hours a student does not have a standing of .34, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

If at the completion of the ninety registered quarter hours a student does not have a standing of .67, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

CLASSIFICATION

For Sophomore and Junior classification at the beginning of the school year, a student must register for sufficient work to have a total of 84 and 135 quarter hours credit respectively at the end of the school year. For Senior classification a student must register for sufficient work to have a total of 190 quarter hours at the end of the school year or summer session.

STUDENT LOAD

The average amount of work regularly required of each student is sixteen quarter hours, including physical education. No student may register for more than eighteen quarter hours.

GENERAL REGULATIONS GOVERNING EXTENSION

Not more than 18 quarter hours of extension work done in one academic year will be accepted by the College except by special permission from the Dean. Not more than one half the courses in a major may be done by extension. As the last 45 quarter hours of the College course must be done in residence in this institution by all students who are candidates for a degree, permission from the Dean must be had to carry extension courses during the senior year.

No more than 45 quarter hours of extension work will be accepted toward a degree from Union College.

No credit will be given for any extension work taken while the student is enrolled in Union College or in any other institution unless permission is obtained from the Dean. In no case will more than 75 quarter hours earned during one calendar year be accepted. Permission for this maximum must be granted by action of the Faculty.

Failures or quality point deficiencies in any course made in residence cannot be removed by extension work.

Students who enroll for extension work and later enter for full-time resident courses shall discontinue their extension work until the period of residence is ended.

Nine quarter hours during a semester are considered a full load for persons who are teaching.

REQUIREMENTS FOR GRADUATION

Union College grants the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education. Candidates for all degrees must satisfy the following general requirements:

1. Minimum of 190 quarter hours, the last 45 of which must be earned in residence at Union College.*
2. Quality point standing of 1.00.
3. *Bible and Philosophy.*—3 courses approved by the Dean and Head of the Department, 1 course of which must be taken during the freshman or sophomore year.
4. *Biology or Physical Science.*—Eighteen quarter hours, twelve of which must be in the same laboratory science.
5. *Education.*—General Psychology: Four quarter hours.
6. *English.*—Composition: nine quarter hours. English Literature: ten quarter hours.
7. *History.*—Nine quarter hours.

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*Students who have earned as many as seventy-five quarter hours at Union College may graduate with only the last thirty hours earned in residence. For any number of hours less than thirty special permission must be obtained.

8. *Physical Education.*—Required of all students.

9. *Sociology.*—Nine quarter hours.

Advice in arranging schedules and choosing courses is always given gladly. However, each student personally is responsible for completing all requirements for degrees as listed under each degree.

Seniors who intend to receive their degrees at the end of the third quarter must apply for their degrees on or before April 15. Seniors who intend to receive their degrees at the end of the summer session must apply for their degrees at registration.

THE DEGREE OF THE BACHELOR OF ARTS

In addition to the general requirements a candidate for the degree of Bachelor of Arts shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Bible and Philosophy, English, History, Sociology, Biology, Chemistry, or Mathematics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from the fields of concentration listed above or from Music, Home Economics, or Physical Education.

3. Foreign Language.

(a) Twenty quarter hours in the same foreign language for those who present for entrance one unit or less in the same foreign language.

(b) Sixteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Eight quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF THE BACHELOR OF SCIENCE

In addition to the general requirements a candidate for the degree of Bachelor of Science shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Biology, Chemistry, Physical Science, Mathematics, or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen

*The requirements for majors and minors are listed under the respective departments of instruction.

from Biology, Chemistry, Mathematics, or Home Economics. The other minor may be chosen from this list or from Bible and Philosophy, English, History, Music, Sociology, or Physical Education.

3. Foreign language.

(a) Twenty quarter hours in the same foreign language for those who present for entrance one unit or less in a foreign language.

(b) Sixteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Eight quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

A student who completes the general requirements and the requirements for the Provisional High School Certificate as issued by the Kentucky State Department of Education, but who does not choose to complete the language requirements for an A.B. or B.S degree, will be granted the degree of Bachelor of Science in Education.

A student who completes the general requirements and the requirements for the Standard Elementary Certificate as issued by the Kentucky State Department of Education and in addition completes two minors will be granted the degree of Bachelor of Science In Education.* One minor shall be English or Social Sciences. The other minor shall be Biology, Chemistry, English, or Social Sciences. All majors and minors shall be declared by the student at the beginning of his junior year.

THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

It is the plan of Union College to offer the degree of Bachelor of Science in Home Economics. Complete requirements for this degree will appear in a subsequent catalog.

DEGREES WITH DISTINCTION

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the Commencement program. There are three grades of honors designated respectively: *cum laude, magna cum laude and summa cum laude.* These honors are conferred at graduation upon students who satisfy the following conditions of scholarship:

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*The requirements for majors and minors are listed under the respective departments of instruction.

The honor of *cum laude* is awarded to those students who have earned an average standing of 2 (or B) in all their college work.

The honor of *magna cum laude* is awarded to those students who have earned an average standing of 2.5 in all their college work.

The honor of *summa cum laude* is awarded to those students who have earned an average standing of 2.8 in all their college work.

Students coming from other colleges may receive general honors on completing two years of resident study and satisfying the conditions of scholarship prescribed by the Faculty, provided they furnish also such evidence of high scholarship in the institution from which they come as may, in the judgement of the Faculty, entitle them to become candidates for honors under the regulations.

As a reward for excellence in scholarship and to promote diligence in study and encourage high ideals, the honorary scholastic fraternity of Iota Signa Nu was founded on May 26, 1936. Membership is open upon election to:

(a) All who have met the requirement for graduation with honors.

(b) All students who, at the end of the second quarter of their junior year, have a quality point standing which if maintained will graduate them with the honor of *magna cum laude* and who have completed a minimum of two years in residence at Union College.

PRIZES

Five scholarship prizes are awarded annually. Iota Signa Nu awards medals to the freshman and sophomore who make the highest scholastic averages in their respective classes for the year. The families of the late Governor James D. Black and H. E. Bullock give cash prizes annually to seniors and juniors, respectively, making highest scholastic standing. The faculty awards a medal to the varsity letter man making the highest scholastic average for the year.

Cash prizes are awarded each year to winners of the annual public-speaking contest. A gold medal also is awarded by Senator J. M. Robsion, of Barbourville, Ky., to the winner of the annual declamation contest.

PLACEMENT SERVICE

The College maintains a placement service for its graduates who are seeking positions, and school boards and superintendents who are seeking teachers. Superintendents and boards of education are invited to visit the College, to make use of this service in looking for teachers, and to meet applicants in whom they are interested.

UNION COLLEGE AND THE WAR EMERGENCY

Union College recognizes its responsibility in aiding the nation to achieve total victory. It realizes that sacrifices must be made and that great efforts must be put forth in the training of our young men and young women—first, to aid their country to the best of their ability in time of war and second, but of no less importance, to aid their country in the peace that is to come.

To accomplish practical results in aiding the victory efforts of the nation, the following program has been adopted by the college.

1. To accelerate our program to enable students to attend college eleven months of the year and thus to complete all requirements for a degree in three years.

2. To offer courses in mathematics and science in the summer schools to enable students, either graduates or undergraduates, to satisfy the requirements for entrance to Officer's Training School of our Army and Navy.

3. To grant proportionate credit for time attended to students who might be forced to withdraw because of induction into the service.

4. To offer courses which will inform the student concerning the fundamentals of democracy and give him a background which will enable him to understand the reasons for our participation in the present world conflict.

5. To inform all students concerning health and its maintenance and to require physical activities of all students in order to promote and maintain health and physical vigor.

SUGGESTED CURRICULA

Students should plan carefully their college work, keeping in mind the general requirements for degrees and their vocational or professional interest. The College officials are glad to aid students in planning curricula to meet specific needs. The following curricula are suggested:

GENERAL COLLEGE CURRICULUM LEADING TO A.B. OR B.S. DEGREE.—Students who have not made a vocational or professional choice and students who expect to enter a professional school which requires a general college education are urged to take this General College Curriculum leading to the A.B. or B.S. degree. By careful selection of major and minor fields and of elective courses this curriculum can be adjusted to the student's individual needs.

FRESHMAN YEAR

First Quarter

Bible		5 hrs.
English Composition		3 hrs.
Science:	Chemistry	4 hrs.
	Biology	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Mathematics	5 hrs.
Physical Education		1 hr.

Second Quarter

General Psychology		4 hrs.
English Composition		3 hrs.
Science	Chemistry	4 hrs.
	Biology	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Mathematics	4 hrs.
Physical Education		1 hr.

Third Quarter

English Composition		3 hrs.
Science	Chemistry	4 hrs.
	Biology	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Mathematics	5 hrs.
General Elective		4 or 5 hrs.
Physical Education		1 hr.

SOPHOMORE YEAR

First Quarter

English Literature		5 hrs.
History		4 hrs.
Science	Chemistry	4 hrs.
	Biology	5 hrs.
	Physics	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Bible	3 or 5 hrs.
	Mathematics	5 hrs.
Physical Education		1 hr.

Second Quarter

English Literature		5 hrs.
History		4 hrs.
Science	Chemistry	4 hrs.
	Biology	5 hrs.
	Physics	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Bible	3 or 5 hrs.
	Mathematics	5 hrs.
Physical Education		1 hr.

Third Quarter

History		4 hrs.
Science	Chemistry	5 hrs.
	Biology	5 hrs.
	Physics	4 hrs.
Elective	Spanish	4 hrs.
	French	4 hrs.
	Bible	3 or 5 hrs.
	Mathematics	5 hrs.
General Elective,		3, 4, or 5 hrs.
Physical Education		1 hr.

PRE-PROFESSIONAL CURRICULA.—Union College strongly recommends to all students who plan to enter a professional school the General College Curriculum of four years.

Students who plan to take a three-year pre-medical course will find that the following program meets the requirements of most medical schools:

FRESHMAN YEAR

English Composition	9 hrs.
Elementary French or Spanish	12 hrs.
Inorganic Chemistry	12 hrs.
Trigonometry	4 hrs.
College Algebra	5 hrs.
General Psychology	4 hrs.
Bible	5 hrs.
	51 hrs.

SOPHOMORE YEAR

General Biology	12 hrs.
Chemistry (Qualitative Analysis)	4 hrs.
Chemistry (Quantitative Analysis)	8 hrs.
General Physics	12 hrs.
History	9 hrs.
Electives	3 hrs.
	48 hrs.

JUNIOR YEAR

Organic Chemistry	12 hrs.
Embryology	5 hrs.
Comparative Anatomy	5 hrs.
Sociology	9 hrs.
Economics	4 hrs.
Electives	12 hrs.
	47 hrs.

Students planning to take the Bachelor degree before entering medical school should consult the Dean before registering.

Other specific curricula are not suggested since the requirements of professional schools vary. However, provision will be made for students who wish to pursue the following curricula:

1. Pre-dental.
2. Pre-legal.
3. Pre-engineering.

In planning such programs, consideration will be given to the profesisonal school which the student expects to enter.

PRE-MINISTERIAL TRAINING

In view of the increasing demand that candidates for the ministry have advanced professional training, it is strongly recommended that all pre-ministerial students plan to enter a theological school upon completion of the liberal arts course.

In planning his curriculum, the student is urged to take advantage of the opportunity for broad cultural training provided at Union College in the Sciences, Literature, and Social Studies. At the same time, at least a minor in the department of Bible and Philosophy is suggested as a basic foundation for later specialization. Personal counsel with the head of this department is open to every ministerial student in the building of his curriculum.

For those who cannot take further work and for whom Union College must furnish the major part of their training, intensive work in the department of Bible and Philosophy is advised, including, if possible, all of the courses offered.

The Oxford Club for ministerial students as an extracurricular activity is a valuable adjunct in their training at Union College. Here, sermons and the art of ministering are studied, and active participation in Gospel Team work is provided.

CURRICULUM FOR ONE-YEAR COURSE IN SECRETARIAL SCIENCE

First Quarter

English Composition	3 hrs.
Elementary Shorthand	4 hrs.
Beginning Typewriting	4 hrs.
Elementary Accounting	2 hrs.
General Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Second Quarter

English Composition	3 hrs.
Advanced Shorthand	4 hrs.
Advanced Typewriting	4 hrs.
Intermediate Accounting	2 hrs.
General Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Third Quarter

English Composition	3 hrs.
Dictation	4 hrs.
Transcription	3 hrs.
Speed Typewriting	3 hrs.
General Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

CURRICULUM IN HOME ECONOMICS

Freshman Year

First Quarter

English Composition	3 hrs.
General Chemistry	4 hrs.
Fundamentals of Art	3 hrs.
Foods	3 hrs.
Textiles	2 hrs.
Physical Education	1 hr.
	16 hrs.

Second Quarter

English Composition	3 hrs.
General Chemistry	4 hrs.
Foods	3 hrs.
Textiles	2 hrs.
Bible	5 hrs.
Physical Education	1 hr.
	18 hrs.

Third Quarter

English Composition	3 hrs.
General Chemistry	4 hrs.
Foods	3 hrs.
Costume Design	3 hrs.
Elective	3 hrs.
Physical Education	1 hr.
	17 hrs.

Sophomore Year

First Quarter

English Literature	5 hrs.
Clothing	3 hrs.
Organic Chemistry	4 hrs.
Household Physics	4 hrs.
Physical Education	1 hr.
	17 hrs.

Second Quarter

English Literature	5 hrs.
Clothing	3 hrs.
Organic Chemistry	4 hrs.
Household Physics	4 hrs.
Physical Education	1 hr.
	17 hrs.

Third Quarter

Housing	2 hrs.
Interior Decoration	2 hrs.
Organic Chemistry	4 hrs.
Bacteriology	5 hrs.
Health	4 hrs.
	17 hrs.

CURRICULA FOR PROSPECTIVE TEACHERS

Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. The folowing are offered:

1. Two-year curricula for training Elementary Teachers.
2. Four-year curricula for training Elementary Teachers.
3. Four-year curricula for training High School Teachers.
4. Four-year curricula for training Administrators and Supervisors.

For guidance of Union College students the following curricula prescribed by the Kentucky State Department of Education for prospective teachers is given:

A. *General and Special Preparation*	*Requirements for Certificates*				
	Prov. Elem. C't.		*Stan. Elem. C't*		
1. English including					
a. Oral and Written	8	quarter hrs.	8	quarter hrs.	
b. American or English Lit.	4	" "	4	"	"
c. Children's Literature	4	" "	4	"	"
d. Elective in English					
2. Science, selected from Biology, Chemistry, General Science, Geology, Physics	8	" "	16	"	"
3. Social Science, including					
a. American History and Gov. or History of Civilization	8	" "	8	"	"
b. Principles of Sociology or Rural Economy	4	" "	4	"	"
c. Geography - Principles	4	" "	4	"	"
Electives in Geography			4	"	"
d. Elective in Social Science from History, Government, Economics or Sociology			8	"	"
4. Teachers' Arithmetic	4	" "	4	"	"
5. Fine Arts					
a. Public School Art	3	" "	3	"	"
b. Elective in Art			3	"	"
c. Public School Music	3	" "	3	"	"
d. Elective in Music			3	"	"
6. Health, Physical Education and Safety	6	" "	6	"	"

B. *Professional Preparation*

1. General or Educational Psychology	4 quarter hrs.	4 quarter hrs.
2. Fundamentals of Elementary Education	6 " "	6 " "
3. Supervised Student Teaching	4* " "	8 " "
4. Educational Measurements		3 " "
5. Child Psychology		4 " "
6. Teaching Reading	4 " "	4 " "
7. Elective in Elementary Education		4 " "
8. General Electives in Education	4 " "	8 " "
	74 " "	128 " "
C. General Electives	22 " "	64 " "

MINIMUM CURRICULUM FOR THE ISSUANCE OF HIGH SCHOOL CERTIFICATES

Required Courses	*Quarter Hours*
A. Minimum General Preparation	
1. English	16
2. Science	16
3. Social Science	16
4. Health, Physical Education and Safety	6
5. Foreign Language** or Mathematics	8-16
Total	62 to 70

B. Teaching Fields

1. Two majors — 36 quarter hours each, or
2. One major and two minors — 36-24-24, or
3. An area of concentration — 72

Teaching fields must be selected from those in the public school curriculum prescribed by the State Board of Education.

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*Three years of experience in the elementary grades may be substituted for this requirement for the issuance of the Provisional Elementary certificate, provided all other requirements, including an average of "C," are fulfilled.

**If three units or more of a foreign language are offered for admission, 8 quarter hours in the same language will be required; if two units of foreign language are offered for admission, 12 quarter hours in the same language will be required; if one unit or less of a foreign language is offered for admission, 16 quarter hours in the same language will be required.

C. Professional Preparation

1. Psychology or Educational Psychology 4
2. Secondary Education..... 8
3. Supervised Student Teaching..... 8
4. Elective in Education..... 7

D. Completion of Baccalaureate Degree

Advice and council on the election of courses for the curriculum for training administrators and supervisors may be obtained from the Dean of the College.

The required courses for the third and fourth years will appear in a subsequent catalog.

DEPARTMENTS OF INSTRUCTION

The following six departments are maintained at Union College:

I. Bible and Philosophy.
II. Biology.
III. Education.
IV. Languages (English, French, and Spanish).
V. Physical Science (Chemistry, Mathematics, and Physics).
VI. Sociology and History.

In addition to these six departments the college maintains the following divisions:

1. Fine Arts.
2. Secretarial Science.
3. Home Economics.
4. Physical Education.

The departments with a detailed description of the courses are listed alphabetically in the following pages. The courses are numbered in such a way as to reveal at a glance the level of the course. Courses numbered 11 to 29, inclusive, are primarily for freshmen; courses 31 to 49 are primarily for sophomores; courses 51 to 89 are primarily for juniors and seniors.

I

DEPARTMENT OF BIBLE AND PHILOSOPHY

CHARLES M. LAYMON

Head of the Department and Professor of Bible and Philosophy

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours in courses approved by the Head of the Department.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours in courses approved by the Head of the Department.

COURSE OFFERINGS. The work in this department has been organized with a view toward introducing the student to some of the great principles and practices of life that make for Christian conduct.

BIBLE

BIBLE 11. *Gospel and Its Historical Background.* This course is a survey of the Old Testament stressing the origin, growth, and development of Hebrew thought, and showing its culmination in the teachings of Jesus as found in Luke's Gospel.

Five quarter hours.

BIBLE 12. *The Life and Writings of Paul.* In this course a study is made of the book of The Acts, followed by 1 Corinthians and the Prison Epistles—Colossians, Philemon, Ephesians, and Philippians. The student not only comes to know Paul as a dynamic personality, but also becomes acquainted with the problems which confronted the early church.

Five quarter hours.

BIBLE 31. *John's Gospel and the Johannine Writings.* The plan for this study includes a consideration of the popular Fourth Gospel, together with the letters of John and the book of Revelation.

Five quarter hours.

BIBLE 32. *The Poetry of the Bible.* In this course a study is made of the Psalms, the book of Job, and other selected portions of the Bible, with special emphasis on their literary value. The spiritual significance of this literature will also be stressed.

Five quarter hours.

BIBLE 51. *The Earlier Prophets.* This course represents a consideration of the Prophetic Movement in Israel beginning with the pre-literary prophets and including the works of Amos, Hosea, and Isaiah.

Three quarter hours.

BIBLE 89. *Special Problems in Biblical Study.* This course is intended for those who desire an intensified study of special problems in biblical fields. Such subjects as literary origins, the Kingdom of God, miracles, and the apocalyptic framework of thought may be considered. Permission of the instructor is necessary for registration in this course.

Three or five quarter hours.

RELIGIOUS EDUCATION

BIBLE 33. *The Church and Society.* This is a course in the social aspects of the Christian religion. A practical application of the Christian Ethic is made to the problems of the modern social order.

Three quarter hours.

BIBLE 34. *Principles of Religious Education.* This course represents a general introduction to the essentials of theory and method in religious education. Its aim is practical rather than theoretical.

Five quarter hours.

BIBLE 71. *Supervised Teaching in Religious Education.* This is a laboratory course in Religious Education. Under the supervision of the instructor, classes in character training are taught in the Barbourville City School. Permission for taking this course must be had from the instructor.

Five quarter hours.

BIBLE 52. *Psychology of Religion.* This is a study of the "soul" of man as he experiences religion. Such experiences as prayer, a sense of sin, conversion, worship, and mystic communion will be studied. As a background a course in general psychology is desirable.

Three quarter hours.

PHILOSOPHY

BIBLE 72. *Introduction to Philosophy.* This is a study of the nature and function of philosophy. The student is introduced to the central problems of philosophy as interpreted by the various schools of philosophy inquiry.

Five quarter hours.

BIBLE 73. *Philosophy of Religion.* This course is intended to make clear the place of religion in the experience of man and in relation to the universe. It will be approached under such headings as God, Man, Evil, Prayer, Mysticism, etc.

Three quarter hours.

BIBLE 74. *Ethics.* In this course the foundations of moral obligation are considered, with an attempt to apply moral laws to our present society.

Five quarter hours.

Biology Professor and Students Searching For Specimen

Some Happy Moments In Music Studio

II
DEPARTMENT OF BIOLOGY

HARWELL P. STURDIVANT

Head of the Department and Professor of Biology

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours.

Candidates for the Bachelor of Science in Education degree may complete the following major in science:

MAJOR IN SCIENCE.—36 quarter hours including 12 quarter hours each in Biology, Chemistry, and Physics.

BIOLOGY 11, 12, 13. *General Biology.* An outline of the main facts and principles of animal and plant life, with special reference to the historical interpretations of nature, the laws governing heredity and the modern applications of biological facts to the service of man and the betterment of the race. Laboratory exercises illustrative of biological principles will be supplemented by specially prepared demonstrations. Two lecture periods and two two-hour laboratory periods.

Four quarter hours each.

COURSE OFFERINGS

BIOLOGY 31. *Field Botany.* A general survey of the local flora, determination of species, and ecology.

Three quarter hours.

BIOLOGY 32. *Embryology.* A review of the processes of germ cell formation, fertilization, and cleavage in both invertebrates and vertebrates, followed by a detailed comparative study of the development of the frog, chick, pig, and man. Use is made of living material of the frog and chick, while the whole mounts and serial sections of the frog, chick, and pig are used for study of germ layer formation, histogenesis, and organogenesis. Charts, models, and demonstrations supplement the work. Two lectures and two three-hour laboratory periods.

Prerequisites. Biology 141, 142, or equivalent.

Five quarter hours.

BIOLOGY 33. *Comparative Vertebrate Anatomy.* A further and detailed study of the structure of higher animals with special reference to the form and development of different systems and organs. This course is especially recommended for pre-medical

students. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 34. *General Bacteriology.* A study of the morphology and physiology of bacteria and other micro-organisms, including laboratory exercises in culture methods and bacteriological technique. Two lecture periods and two three-hour laboratory periods.
Five quarter hours.

BIOLOGY 51. *Anatomy and Physiology.* This course is designed to familiarize the student with the structure and functions of the parts of the human body. Five lectures.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 52. *Eugenics.* A study of the law governing human heredity; the ethical interpretation of biological principles governing man; the betterment of the race.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 53. *Cytology.* A study of the structure and physiology of the cell, including the process of cell division, germ cell formation, fertilization, parthenogenesis and cleavage. Training is given in the technical cytological methods of killing, sectioning, and staining. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

BIOLOGY 54. *Genetics.* A study of the laws governing heredity, the application of the experimental method to modern biological problems; the interpretation of nature, and the fundamental facts of plant and animal breeding. The laboratory will consist of experiments showing the modern methods of investigating hereditary characters. Three lectures and two two-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 71. *Organic Development.* A study of life through successive generations. Principles and theories of phylogenetic relationships are studied. Five lectures.
Prerequisite: Biology 11, 12, 13, 32, 33.
Five quarter hours.

BIOLOGY 72. *Histology.* A microscopic study of cells and tissues of the animal body. The laboratory will consist of training in histological methods.
Five quarter hours.

III

DEPARTMENT OF EDUCATION

Otis C. Amis

Head of the Department and Professor of Education

Miss Kathleen Moore

Assistant Professor of Education

Certificates. Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. Information concerning these requirements is given on pages 43, 44, and 45.

Course Offerings. The courses listed have been organized primarily to meet the needs of those who expect to enter the teaching profession and who plan to secure certificates.

A major or minor for the A.B. or B.S. degree is not offered in the Department of Education. The requirements for the degree of B.S. in Education are listed on page 36.

Education 11. *General Psychology*: This course affords a brief survey of the general principles of psychology. The course is designed primarily as a course in applied psychology rather than one in the neurological or biological aspects of psychology. For those taking both this course and Educational Psychology this course should be taken first. However, this course is not a prerequisite for Educational Psychology.

Four quarter hours.

Education 12. *Educational Psychology*: This course will be informally conducted and will deal with various influences bearing on the growth and development of the human organism. It is designed to help the student understand the problems involved in the guidance of the educand at all levels of maturity.

Four quarter hours.

Education 13. *Child Psychology*. This course presents the facts as far as they have been scientifically determined concerning child behavior, with special reference to the meaning of these facts to the teacher. It considers the growth and development of the child from the point of view of his physical, mental, moral, and social nature. It seeks to provide the student with sound criteria for estimating theories about the mental life of children and to give adequate training in the concrete study

of child life, so that, as teachers, they will be able to deal intelligently with children of different ages, dispositions, and abilities. Prerequisite: Education 231.

Four quarter hours.

EDUCATION 31. *Fundamentals of Elementary Education.* The foundation course for the teacher-training program of the elementary school. The purposes of the course are (1) to help the student formulate his own philosophy of education; (2) to acquaint the student with the best educational practices of the modern elementary school and the philosophy on which it is based; (3) to show the relationship existing between modern psychology and educational practices, and (4) to build up general and specific teaching techniques. Several observations are made each week in the training school.

Six quarter hours.

EDUCATION 32. *Methods of Teaching Reading.* The purpose of this course is to acquaint the student with the best current practices in teaching children to read. Students are led to attack the many practical problems concerned with teaching techniques and materials in the field of primary and upper grade reading. Observations in the training school demonstrate good techniques at different grade levels. This course is required of all candidates for a Provisional Elementary Certificate.

Four quarter hours.

EDUCATION 33. *Supervised Student Teaching in the Elementary Schools.* In this course the student prepares lesson plans and teaches in one of the first six grades of the Barbourville Public School. Sixty periods of fifty minutes each of actual teaching in the presence of a critic teacher are required. A student's previous work in Education must be approved by the Head of the Department of Education before registering for this course.

Prerequisites:

(a) The attainment of a scholastic standing of one or "C" at the time student teaching begins.
(b) The completion of English Composition.
(c) The completion of General Psychology, and Fundamentals of Elementary Education.
(d) The completion of a minimum of forty-eight quarter hours

of required courses for the Provisional Elementary certificate.

(e) One quarter's residence at Union College.

Four quarter hours.

EDUCATION 34. *Rural Education.* This course is designed to consider the necessary adaptations of the farm child's experiences. It is intended to assist the rural teacher in a practical attack on equipment; financial limitations; community relationships; curricular adjustments and adaptations; congested class programs in the one- and two-teacher schools; and some phases of school administration and organization as they relate to the rural school situation.

Four quarter hours.

EDUCATION 51. *Fundamentals of Secondary Educations* The purpose of this course is to acquaint the student with the fundamental aims and functions of the modern secondary school, the criteria available for the evaluation of the various high school activities, and the technique most effective in carrying on the different phases of the high school teachers' work. The course will include data on the present status of secondary education and will discuss problems now faced in meeting the demands of a dynamic social order. In this course secondary education will be recognized as a phase of the whole process of developing balanced personalities.

Prerequisite: Educational Psychology.

Four quarter hours.

EDUCATION 52. *The Elementary School Curriculum.* A study of the prevailing tendencies and procedures involved in curriculum construction in the elementary school, with special emphasis on the classroom teacher's function in changing and adapting the curriculum to the conditions of his particular situation. Critical attitudes are developed in evaluating both the traditional and the newer curricula and curricular techniques. Some actual practice in modern curriculum-making is carried on through the construction of activity units.

Four quarter hours.

EDUCATION 53. *Tests and Measurements.* A survey of the principles and techniques which underlie the construction and use

of both formal and informal tests in the modern classroom. Criteria are set up by which tests of both types may be judged, and techniques for administering and scoring tests and for the tabulation and interpretation of test results are developed.

Three quarter hours.

EDUCATION 71. *Principles of Educational Administration.* This course is designed to help the teacher understand the relationships of the administration of the school system to the instructional aspects of the program. It is also designed for student preparing for work as school administrators. Problems of the administrator relating to school organization, school financing, personnel employment, building planning, and school board relationships are covered in the course. The relation of the local school district to the state educational organization and the theory of state and federal support of universally free public education are treated in the course.

Four quarter hours.

EDUCATIONAL 72. *Curriculum Construction in the Secondary School.* This course will deal with the newer concepts in curriculum development and the criteria for judging the values of curricular materials. Curriculum organization, content, and derivation will be studied in the light of the functional needs of the time and place in which the school is operating.

Prerequisites: Educational Psychology and Fundamentals of Secondary Education.

Three quarter hours.

EDUCATION 73. *Supervised Student Teaching and Related Problems in the Elementary School.* This course is designed to give the student actual experience in teaching and in meeting teachers' problems under the guidance of trained supervisors. In adtion to participation in the many activities related to actual classroom teaching the student is given experiences in community and school organizations and activities, field trips and excursions, record keeping, faculty meetings, the collection and organization of teaching materials, and the study and guidance of children. Students will be expected to clear one-half day of academic courses and will spend the entire half day in activities directly related to this course. The pre-requisites for this course are the same as those for Education 33.

EDUCATION 81. *Supervised Student Teaching and Related Problems in the Secondary School.* Students who have met the prerequisite requirements will be permitted to do student teaching in any of the high schools affiliated with Union College for the purpose of providing directed teaching experiences, which schools are approved by the State Department of Education and the Kentucky Council on Higher Education. Such students will be freed of academic courses in order that they may spend one quarter in the community in which these schools are located and work under the close supervision of an approved critic. The student teacher will participate in all the activities relating to the school program in which the critic participates as approved by the administration of that school. The critic working under the direction of the administration of the school and the Head of the Department of Education of Union College will direct the student teacher in helping him to understand, through extensive reading and conferences, the problems in the school relating to classroom organization, methods and administrative relationships. The student teacher will be expected to study the social and economic problems of the community and to understand the environments from which his pupils come. For this quarter's work, he will receive eight quarter hours elective credit in secondary and general education and eight quarter hours credit in supervised teaching.

Prerequisites:

1. Approval for this course by the Head of the Department of Education.
2. Completion of two-thirds of the minimum requirements in the core-curriculum, and in the subject field in which the student teaching is done.
3. Completion of an equivalent of four quarter hours in Educational Psychology and four quarter hours in Fundamentals of Secondary Education.
4. Completion of an equivalent of 135 quarter hours of college credit with a scholastic standing satisfactory to the Dean of the college, and the Head of the Department of Education.
5. One quarter of residence at Union College.

EDUCATION 82. *Supervised Teaching in Secondary Education.* This course is offered for those who have previously completed an equivalent of four quarter hours of student teaching at either the elementary or the secondary level. In the main, this program of supervised teaching will be conducted in the Bar-

bourville High School under the direct supervision of an approved critic in close co-operation with the administration of the Barbourville High School and the Head of the Department of Education of Union College. Students taking the courses will be expected to clear one-half of each day of academic courses and will spend the entire half day in the public school. This course will be integrated with four hours per week in organization and methods. The prerequisites for this course will be as for Education 81, and will presuppose an equivalent of four quarter hours credit in directed teaching in elementary or secondary education.

Four quarter hours.

EDUCATION 83. *Organization and Methods of Secondary School Teaching.* This course is designed to help the student of secondary education understand the generally accepted methods of teaching in the secondary schools. This course will be integrated with supervised teaching. It will call for a reconsideration of the objectives and functions of the secondary school, instructional planning, instructional materials, problems of classroom management, improved methods of teaching, and evaluation of results include discussions of problems faced in supervised teaching, lectures, further observations, and reports. Prerequisite: Fundamentals of Secondary Education.

Four quarter hours.

EDUCATION 84. *Supervision of Instruction.* This course will be given primarily from the teacher's viewpoint, although the administrator's point of view will be considered. It will deal with the principles and problems of relationship between supervisor and teacher, techniques of supervision, and the improvement of the teacher and her work while in the service.

Three quarter hours.

IV
DEPARTMENT OF LANGUAGES

Byron H. Gibson
Head of the Department and Professor of English

Miss Stella Ward
Assistant Professor in English

ENGLISH

Requirements for a Major. Thirty-six quarter hours in addition to nine quarter hours of English Composition. The major must include English 51, Literary Appreciation, and eighteen additional quarter hours in courses numbered above 50.

Requirements for a Minor. Twenty-seven hours in addition to nine quarter hours of English Composition. The minor must include twelve quarter hours in courses numbered above 50.

Requirements for an Area. The area requires a minimum of seventy-two quarter hours, and shall include a minimum of forty-four quarter hours in Grammar, Composition, American Literature, and English Literature, and the remaining twenty-eight quarter hours may include Dramatics, Journalism, and Speech. No additional major is required. Completion of an Area in English satisfies requirements for the Bachelor of Science in Education degree only.

English 11. *Debating.* The purpose of this course is to train the student in the art of clear thinking and logical arrangement of materials in the argumentative form known as debate. The fundamentals of debating will be studied and applied to problems chosen for discussion. The national collegiate debate subject will be studied. From the class in debating will be chosen the intercollegiate debate teams.

Two quarter hours.

English 12. *Journalism.* This course purposes to introduce the student to the organization of the modern newspaper, acquaint him with methods of news reporting, and train him in news writing.

Three quarter hours.

English 13, 14, 15. *Composition.* The purpose of this course is to train the student in the fundamentals: grammar, punctuation, spelling, reading, writing, the use of a dictionary. Fifteen

themes are required; these are corrected and criticized by the instructor and returned for revision. The instructor is regularly available for personal conference with the individual student. Required of all freshmen.

Three quarter hours each.

ENGLISH 31, 32. *Public Speaking.* The purpose of this course is to train students for effective participation in ordinary speaking situations. Primary emphasis is placed on acquiring poise and grace in platform manners; learning the source and organization of speech materials, objectives, and audience considerations. Some attention is given to the physiological basis of voice and corrective voice drills. Correct and careful enunciation and pronunciation are stressed. Much practice is given in the preparation and delivery of speeches for various occasions, purposes, and audiences. The various types of public discussion are practiced.

Three quarter hours each.

ENGLISH 33, 34. *Dramatics.* The principles underlying acting and artistic interpretation of dramatic literature are studied in this course. Opportunities for appearing in plays and dramatic productions are afforded the student.

Three quarter hours each.

ENGLISH 35, 36. *Advanced Dramatics.* This course presents the fundamentals of acting, staging, and directing.

Three quarter hours each.

ENGLISH 37, 38. *English Literature.* A survey of the development of English Literature from Beowulf to the present, as a background for all further study of literature. Collateral reading with reports is a regular part of the work. Required of all sophomores.

Five quarter hours each.

ENGLISH 39. *Children's Literature.* This course is designed to give the prospective elementary teacher an opportunity to make a systematic study of children's literature and to know and appreciate the best in this particular field. It includes a brief survey of the history of children's literature and a study of the literature itself under the following topics: Mother Goose, fables, folk songs, literature fairy tales, myths, legends, hero

tales, nature stories, fiction, biography, poetry, historical and geographical literature. Storytelling and dramatization are introduced. Other methods of teaching are touched incidentally.

Four quarter hours.

ENGLISH 51. *Literary Appreciation.* The principles underlying all great literature are studied and applied with the general purpose of training the student to discover and enjoy the best qualities of literature. Required of all who major in English.

Five quarter hours.

ENGLISH 52, 53. *American Literature.* This course is a survey of American literature productions; American literary styles, movements, trends, and current of thought from the beginning of national culture to the present time. The first quarter's work includes the periods known as The Roots of National Culture and The Romantic Triumph. The second half, beginning with Walt Whitman, includes The Rise of Realism, The Social Revolt, and Contemporary Trends. Collateral reading and various forms of report are part of the course.

Five quarter hours each.

ENGLISH 54. *The English Novel of the Nineteenth Century.* This course is designed to cover the novel in England from the time of Scott to 1900, stressing the works of Dickens, Thackeray, the Brontes, George Eliot, Meredith, Stevenson, Butler, Hardy, and Gissing.

Five quarter hours.

Offered alternate years.

ENGLISH 55. *Word Study.* This course aims to enlarge vocabularies, to give a vital interest in words as living things, and to increase delight in acquiring new words for everyday use.

Three quarter hours.

ENGLISH 71. *World Literature.* An appreciative study of the world masterpieces which, in translation for centuries, have influenced Western thought and literature. Emphasis is laid on the writings of Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Virgil, Dante, and Goethe. This course is planned to give the background necessary for the full understanding and enjoyment of English and American literature.

Five quarter hours.

ENGLISH 72. *Poetry of Today.* The purpose of this course is to acquaint the student with the best in the field of modern American and British poetry. The course aims also to aid in the acquiring of an appreciation of contemporary poetry ranging from that of Thomas Hardy to that of current writers. It deals with present-day styles, modes, values and subject matter.

Four quarter hours.

Offered alternate years.

ENGLISH 73. *Development of Drama.* This course consists of a study of drama forms or types, dramatic modes, and dramatic values from Greek to present-day productions. A background of history of the plays, playwrights, times, theaters, origin, and occasion of productions is developed.

Five quarter hours.

Offered alternate years.

ENGLISH 74. *Modern Drama.* The course provides a study of European and American drama in the nineteenth and twentieth centuries. The plays studied range from those of Ibsen to current productions. It is designed to broaden and deepen the student's knowledge of dramatic impulses and of the ways in which dramatic practices have developed.

Five quarter hours.

Offered alternate years.

ENGLISH 75. *Romantic Poetry.* A comprehensive historical and appreciative study of the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats.

Five quarter hours.

Offered alternate years.

ENGLISH 76. *Shakespeare.* The course is designed to cover the sonnets, the songs within the plays, and sixteen dramas. Since the emphasis is placed upon the plays themselves, outside work consists only of short studies of Shakespeare's art, of themes and *motifs* which throw light on the background of the plays, and of the customs and beliefs of the times therein represented.

Five quarter hours.

Offered alternate years.

ENGLISH 77. *Victorian Poetry.* A comprehensive historical and appreciative study of the poetry of Tennyson, Browning, Arnold, the Rossettis, and Swinburne.

Five quarter hours.

Offered alternate years.

FRENCH

FRENCH 11, 12, 13. *Elementary French.* For students beginning the study of French. No prerequisites for 11. Pronunciation, essentials of grammar, vocabulary building, easy reading. Students who have had one year of high-school French may enter 12 the second quarter.

Four quarter hours each.

FRENCH 31, 32, 33. *Intermediate French.* Grammar review, more advanced work in composition and grammar, reading several moderately difficult texts.

Prerequisites: French 11, 12, 13 or two years of high-school French.

Four quarter hours each.

SPANISH

SPANISH 11, 12, 13. *Elementary Spanish.* This beginning course in Spanish includes pronunciation, the essentials of Spanish grammar and vocabulary building. Both reading and oral objectives are emphasized.

Four quarter hours each.

SPANISH 31, 32, 33. *Intermediate Spanish.* More advanced work in reading and in both written and oral composition. A review of basic grammar accompanies the study of points not considered during the first years.

Prerequisite: Spanish 11, 12, and 13 or two years of high-school Spanish.

Four quarter hours each.

V
DIVISION OF PHYSICAL EDUCATION

J. R. BACON
Head of the Department and Professor of Physical Education

AMANDA F. PURDOM
Instructor in Physical Education

Union College is endeavoring to co-operate fully with the United States Government in its request to the colleges to make every effort to develop a program which will enable students to meet a higher standard of physical fitness.

The plan set up by the Physical Education Department consists of many activities that are beneficial from the standpoint of health yet at the same time are interesting and enjoyable to the student. Some activities are given to provide exercise and recreation suitable for students to continue after they have completed their college course. Many of the exercises and games taught will prove valuable to teachers, social workers, and those interested in directing playground, camp, or other recreational activities.

Students who participate in varsity athletics are given credit in physical education for each sport in which they take part.

ACTIVITY COURSES

All students are required to register for one of the activity courses each quarter. Additional activity courses may be taken without credit.

COURSE OFFERINGS.

PHYSICAL EDUCATION 11. *Restricted Activities.* Open to men students who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered each quarter.

PHYSICAL EDUCATION 12. *Restricted Activities.* Open to women who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 13. *Touch Football and Volleyball.* Open to men.

One quarter hour. Offered first quarter.

Physical Education 14. *Group Games.* Kickball, dodgeball, pushball. Open to men.

One quarter hour. Offered second quarter.

Physical Education 15. *Tennis and Volleyball.* Tennis to be offered during the Fall term, and volleyball during the Winter term. Open to women.

One quarter hour. Offered third quarter.

Physical Education 16. *Group Games.* Speedball, boundary-ball, endball, kickball, softball. Open to women.

One quarter hour. Offered third quarter.

Physical Education 17. *Archery and Basketball.* Archery to be offered during the Fall terms, and basketball during the Winter term. Open to women.

One quarter hour. Offered first quarter.

Physical Education 18. *Individual Exercises and Self-Testing Activities.* Individual exercises, stunts, apparatus, tumbling, and self-testing activities. Open to women.

One quarter hour. Offered second quarter.

Physical Education 19. *Tennis and Basketball.* Open to men.

One quarter hour. Offered third quarter.

Physical Education 20. *Physical Education for Elementary Schools.* Includes the use of text and regular class meetings taking up the work of conducting plays and games. This course sets up a physical education program for the elementary school as a whole and also takes up each grade separately. Any student who is working for an elementary teacher's certificate must have this course. Open to men and women.

Three quarter hours.

Physical Education 31. *Individual Games.* Horseshoes, badminton, handball, table tennis, shuffleboard. Open to men.

One quarter hour. Offered first quarter.

Physical Education 32. *Advanced Softball and Volleyball.* Open to men.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 33. *Individual Games.* Shuffleboard, horseshoes, badminton, table tennis, and handball. Open to women.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 34. *Advanced Archery and Basketball.* Basketball to be offered during the Winter term, and archery during the Spring term. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 35. *Folk Games.* Open to men and women.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 36. *Advanced Tennis and Volleyball.* Volleyball to be offered during the Winter term, and tennis during the Spring term. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 37. *Advanced Tennis and Basketball.* Open to men.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 41. *First Aid.* Treatment for injuries common to athletic activities as well as for injuries occurring in everyday life. Open to men and women.

Three quarter hours.

PHYSICAL EDUCATION 42. *Health and Safety.* This is an elementary course designed to acquaint the student with the fundamental principles of health and safety with special reference to school situations. Open to men and women.

Four quarter hours.

At Work in the New Foods Laboratory

Girls' Physical Education Activity

VI

DEPARTMENT OF PHYSICAL SCIENCE

Charles R. Wimmer
Head of the Department and Professor of Chemistry
(To be supplied)
Assistant Professor in Mathematics and Physics

Requirements for a Major.

Physical Science: Forty-two quarter hours.
Chemistry: Thirty-six quarter hours.
Mathematics: Thirty-six quarter hours.

Requirements for a Minor.

Chemistry: Twenty-seven quarter hours.
Mathematics: Twenty-seven quarter hours.

Candidates for the Bachelor of Science in Education degree may complete the following major in science:

Major in Science.—36 quarter hours including 12 quarter hours each in Biology, Chemistry, and Physics.

Course Offerings.

CHEMISTRY

Physical Science 11, 12, 13. *General Inorganic Chemistry.* This course is designed for the student who wishes to take only one year of chemistry as a cultural subject, as well as for the student who wishes a foundation for further study in chemistry. The basic principles of chemistry are studied thoroughly and their practical application to our everyday living is pointed out. The laboratory work is devoted to the experiments which illustrate the theories, preparations, and reactions studied in the classroom. Practical experiments on foods, dyes, and so forth, are also included.

Four quarter hours each.

Physical Science 31. *Qualitative Analysis.* This course is devoted to a systematic study of the theories and fundamentals of qualitative analysis involved in the separation and identification of the more common metals and acids. Lecture, one hour; laboratory, three two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours.

PHYSICAL SCIENCE 32, 33. *Quantitative Analysis.* This course is intended for pre-medical students and for those who are majoring in chemistry. The fundamental principles of gravimetric and volumetric analysis are studied. These principles are then applied for the purpose of developing careful and accurate work in the laboratory. Lectures and recitations one hour per week; laboratory, three two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13 and 31 or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 51, 52, 53. *Organic Chemistry.* A course intended for the student who is preparing for the study of medicine or for the student majoring in chemistry. A thorough study is made of the principles underlying the classification of carbon compounds as well as the preparation and properties of the various classes of aliphatic and aromatic hydrocarbons and their derivatives. The laboratory work in this course is designed to correlate the principles learned in the classroom with their practical application. Lectures and recitations two hours per week; laboratory, two two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 31, 32, and 33 are alternated with Physical Science 51, 52, and 53.

PHYSICAL SCIENCE 31, 32 and 33 will be offered during the year 1943-44.

MATHEMATICS

PHYSICAL SCIENCE 14. *College Algebra.* The course presupposes a knowledge of elementary algebra. Chief topics: A review of the fundamentals of algebra, progressions, permutations and combinations, probability, complex numbers, logarithms, theory of equations, and determinants.

Five quarter hours.

PHYSICAL SCIENCE 15. *Trigonometry.* An elementary course in plane trigonometry. The theory of logarithms is also included. Emphasis is placed on trigonometric equations and transformations, as well as upon systematic and accurate computations in the applications.

Prerequisite: Physical Science 14.

Four quarter hours.

PHYSICAL SCIENCE 16. *Analytic Geometry.* The fundamental notions of plane analytic geometry.
Prerequisites: Physical Science 14 and 15.
Five quarter hours.

PHYSICAL SCIENCE 37. *Methods of Teaching Arithmetic.* A study of the subject matter, teaching materials, and methods in the elementary grades. Not counted toward major or minor.
Four quarter hours.

PHYSICAL SCIENCE 54. *College Geometry.* The course takes up geometry where it is left in the high-school course and reviews and enlarges the ideas found there, going into the geometry of the triangle, the quadrilateral, and the circle, introducing and applying the idea or harmonic range and inverse figures.
Prerequisite: Physical Science 16.
Four quarter hours.

PHYSICAL SCIENCE 56. *Integral Calculus.* Single and multiple-integration with applications to finding of areas, length of curves, volumes.
Prerequisite: Physical Science 55.
Four quarter hours.

PHYSICAL SCIENCE 55. *Differential Calculus.* Elements of calculus, including differentiation, maxima and minima and plane curves.
Prerequisites: Physical Science 16.
Five quarter hours.

PHYSICAL SCIENCE 71. *Theory of Equations.* A continuation of theory of education begun in algebra. A brief study of complex number, the factor theorem, integral and rational roots of equations of degree *n*, Rolle's theorem, Eturn's theorem.
Prerequisite: Physical Science 15 and permission of instructor.
Given in alternate years, four quarter hours.

PHYSICAL SCIENCE 72. *Differential Equations.* Linear equations, applications to mechanics and physics, exact differential equations.
Prerequisites: Physical Science 55 and 56.
Given in alternate years, four quarter hours.

PHYSICS

PHYSICAL SCIENCE 34, 35, 36. *General Physics.* This course deals with mechanics, heat, electricity, magnetism, sound, and light. Lectures and recitations three hours per week, laboratory one two-hour period per week.
Prerequisite: Physical Science 144.
Four quarter hours each.

DEPARTMENT OF SOCIOLOGY AND HISTORY

WAYNE T. GRAY

Head of the Department and Professor of Sociology

REQUIREMENTS FOR A MAJOR. *Sociology*. Thirty-six quarter hours in this field. Ten hours of Economics may be included.

REQUIREMENTS FOR A MINOR. *Sociology*. Twenty-seven quarter hours in this field. Six hours of Economics may be included.

Students who are candidates for the Bachelor of Science in Education degree may satisfy the Area or Major requirements in the Social Sciences as follows:

A teaching area in Social Science shall consist of a minimum of 72 quarter hours distributed as follows: 28 quarter hours in History, including 8 quarter hours in American History and 8 quarter hours in European History; and a minimum of 8 quarter hours each, in the following subjects, namely: Political Science, Economics, Sociology, and Geography. The other 12 quarter hours in this field shall be elective from Social Sciences.

No additional major or minor is required for the secondary certificate in History and Sociology. It will be advisable for teachers to use their electives to obtain 18 quarter hours in one or two fields aside from history so that they may obtain teaching minors in as many phases of this area as possible.

COURSE OFFERINGS.

SOCIOLOGY 11. *Introduction to Sociology*. This course is designed to give the student an understanding of the origin, development and activities of modern society.

Four quarter hours.

SOCIOLOGY 31. *Principles of Sociology*. A course which has as its purpose the familiarizing the student with the principles underlying present day society and the factors affecting social intercourse among peoples of the more complex cultures.

Four quarter hours.

SOCIOLOGY 32. *Rural Sociology*. A study of the rural sections of our society including its people, organizations, institutions, and problems. The aim of this course is to familiarize the student with the farm family, the rural school, the country church, and the farm organizations which have for their object the improvement of country life.

Four quarter hours.

SOCIOLOGY 33. *The Family.* A study of the association of individuals living together in families and a discussion of the more important problems arising from such associations. This course uses a history of domestic institutions merely as a background for a study of practical domestic problems of the present day. Special emphasis is placed upon the adjustments which young people need to make when they are united in marriage.

Four quarter hours.

SOCIOLOGY 34, 35. *Principles of Economics.* A study of the fundamental principles of economics, including the production, distribution, and consumption of goods; money and exchange; labor and capital; and the factors influencing supply and demand. Problems and examples to illustrate and fix these principles in the mind of the student will be used where practical.

Three quarter hours each for two quarters.

SOCIOLOGY 36. *Consumer Economics.* A course designed to acquaint the student with sound and efficient consumer practices as the making of budgets, sound judgment as to the value of goods, services offered by the market, and the securing of fair value for the money which the consumer spends.

Four quarter hours.

SOCIOLOGY 37. *Principles of Geography.* This course is a study of Human Ecology. It is a course designed to acquaint the student with the physical features of the earth on which we live, to give the student instruction and practice in the use and interpretation of maps, globes, and atlases, and to show the ways in which man's life, standard of living, mode of thought, and social contacts are influenced by the earth's form, composition, and movements.

Four quarter hours.

SOCIOLOGY 51. *Social Psychology.* A study of the development and activity of the group mind, the interaction of individuals and groups, and of groups with each other. This course aims to help the individual adjust himself to the various groups with which he may wish to affiliate himself and to acquaint him with some of the means by which he may help to mold group thought. Prerequisite: Sociology 231 or Education 231.

Four quarter hours.

SOCIOLOGY 52. *Modern Social Problems.* A study of the more prevalent and pressing present-day social and community problems. Prerequisite: Sociology 231.

Four quarter hours.

SOCIOLOGY 53. *Economic Geography.* A study of the natural resources of the world and their influence upon the habits, standard of living, thought and concentration of people. Special stress will be placed upon those resources directly affecting the well being of the people of the United States. Prerequisite Sociology.

Four quarter hours.

SOCIOLOGY 71. *Problems of Youth.* A course dealing with the problems facing young people today and a discussion of those problems and their possible solutions in the light of Christian principles of living and good social conduct. Prerequisite: Sociology.

Four quarter hours.

SOCIOLOGY 72. *Sociology Reading.* A reading course designed to broaden and fill out the training of those who major or minor in Sociology. Books will be selected for the student from the fields with which he is least familiar. About thirty-six hours of reading will be required for each hour credit. Oral reports and oral and written examinations will check the quality of reading done by those taking this course. Prerequisite: Eighteen quarter hours of Sociology and/or Economics and a definite intention to secure a major or minor in the department. Work may be pursued at any time regular classes are in session.

One to six quarter hours.

SOCIOLOGY 73. *Sociology Problems.* This course is designed to give students an opportunity to do individual work under supervision. Such work may be done at any time significant problems are presented. Prerequisite: Twenty quarter hours in Sociology and/or Economics or sufficient training to carry on independent work.

One to nine quarter hours.

HISTORY 11, 12. *American History.* The European background, colonial life, rivalry with French, the breaking away from Great Britain, the making of our Constitution, and the beginning of our national life are studied the first quarter; the Civil War and Reconstruction, the expansion toward the west, our industrial growth, receive especial attention the second quarter.

Four quarter hours each.

HISTORY 13, 14. *American Government and Citizenship.* A study is made during the first half in some detail of the power and functions of Congress, the President, and our national courts. During the second half the course consists of a study of our state, city, and county governments with notices of recent changes made or contemplated.

Four quarter hours each.

DIVISION OF FINE ARTS

Miss Katherine Van Sutphen
Instructor in Piano and Art

Elma A. Randall
Instructor in Voice and Musical Theory

A major is not offered in the Fine Arts.

The following courses are required for a minor in music. Fine Arts 34, 35, *Ear Training;* Fine Arts 37, 38, *Practical Harmony;*

Fine Arts 71, 72, *History and Appreciation of Music.*

A minor in Public School Music will require the following additional courses:

Fine Arts 36, *Public School Music;* Fine Arts 53, *Music Methods and Materials;* Fine Arts 31, 32, 33, *College Chorus*

A minor in Voice will require the following additional courses:

Fine Arts 31, 32, 33, *College Chorus;* Fine Arts 12, *Voice*— three quarter hours; Fine Arts 14, *Voice,* three quarter hours.

A minor in Piano will require the following additional courses:

Fine Arts 31, 32, 33, *College Chorus;* Fine Arts 11, *Piano*—two semester hours; Fine Arts 12, *Piano*—three quarter hours.

MUSIC

Fine Arts 11. Piano. Technic, major and minor scales, principal triad chords and arpeggios; studies from Hanon, Czerny, Von Bulow, Bach; Preludes, Bourrees, Gavottes, shorter Sonatas of Haydn, Mozart, Beethoven; compositions from Classic and Modern Periods.

Two private lessons per week for one quarter, one quarter hour.

Fine Arts 12. *Piano.* Technic in combinations, as scales in thirds, sixths, tenths, dominant and diminished-seventh chords and arpeggios; studies from Czerny, Opus 740, Gradus and

Parnassum of Clementi, Bach's Suites and Inventions; Mozart "Variation Sonata"; Beethoven Opus 13; selections from Classic, Romantic, and Modern composers.

Two private lessons per week for one quarter, one quarter hour.

FINE ARTS 13. *Voice.* Drill in tone production and diction, with emphasis placed on vowel formation, technical exercises to fit the need of individual student; songs of moderate difficulty sung with correct intonation and interpretation.

Two private lessons per week for one quarter, one-quarter hour.

FINE ARTS 14. *Voice.* Continued drill in vocal exercises; art songs from the classic and standard repertoire; less exacting oratorio and operatic arias.

Two private lessons per week for one quarter, one-quarter hour.

FINE ARTS 31, 32, 33. *College Chorus.* Union College Chorus is open to all who have reasonably good singing voices. The members become familiar with the best choral literature, and are taught to build proper ideals in ensemble work. Throughout the year this chorus makes regular appearances in chapel programs, and presents local and out-of-town concerts of sacred and secular music.

FINE ARTS 34, 35. *Ear Training.* The aim of this course is to teach the pupil to think in tones, and so to train the feeling and the ear that he may learn to sing, name, play, and write what he hears. This is done chiefly through dictation and sight-singing of melodic exercises in major and minor keys in various rhythms.

Three quarter hours each.

Offered in alternate years.

FINE ARTS 36. *Public School Music.* A general school-music course which gives a practical introduction to the teaching of music in rural-school and elementary grades. Understanding of the child voice, teaching of rote songs, development of the rhythmic sense, creative music, sight singing, elementary theory, and music appreciation are the major topics.

Three quarter hours.

FINE ARTS 37, 38. *Practical Harmony.* A study of keys, scales, intervals, triads, harmonization of melodies, modulations, chro-

matic alterations, and transpositions at the keyboard and in written exercises.

Three quarter hours each.

Offered in alternate years.

FINE ARTS 71, 72. *History and Appreciation of Music.* A study of the development of music, with particular attention given to the social aspects of the art of music as it reflects the significant forces of various periods. Opportunity will be given to become familiar with the best music of all ages. The first half includes the history of music up to the Romantic Period; the second half, the music from the Romantic Period until the present time.

Three quarter hours each.

ART

FINE ARTS 39. *Public School Art.* This course is planned for elementary teachers. It aims to develop observation and appreciation to beauty, to develop steady growth in ability to express the child's own ideas, and to apply principles that govern design and color so that originality may be adequately expressed. Some of the topics considered are color, representation, design, drawing, and picture work.

Three quarter hours.

FINE ARTS 41. *Fundamentals of Art.* This course offers studies in line, light and shade, color, design motives, human figure, and portrait problems, sketches from nature rendered in pencil, pen and ink, charcoal, crayon, pastels.

Three quarter hours.

FINE ARTS 73, 74. *History and Appreciation of Art.* This course is a rapid survey of art from prehistoric beginnings to the present day, stressing the works of the greatest masters in the fields of painting, sculpture, and architecture. Integrated with this survey is a study of the principles underlying beauty and the application of these principles to everyday life.

Three quarter hours each.

DIVISION OF SECRETARIAL SCIENCE

SADIE WORLEY

Assistant Professor in Secretarial Science

*The Diploma of Secretarial Science is granted to a student who satisfactorily completes the prescribed two-year course in Secretarial Science with an average scholastic standing of 1.00.

A minor in Secretarial Science is offered for the degree of Bachelor of Science in Education for the Provisional High School certificate. This minor requires the completion of twenty-seven quarter hours approved by the Dean of the College.

The following courses carry College credit as indicated, and may be elected by all students with permission from the Dean of the College.

FIRST QUARTER

SECRETARIAL SCIENCE 11. *Elementary Shorthand.* A course for the beginner in shorthand. The theory and principles of the entire Gregg system are covered, with thorough practice on the brief forms. A speed of sixty words per minute on practiced material is required for receiving credit for the course. The class meets twice daily.

Four quarter hours.

SECRETARIAL SCIENCE 12. *Beginning Typewriting.* A course for the beginner which should give a thorough knowledge of the keyboard. A student should be able to do all ordinary typing after completing this course. The speed requirement for receiving credit for the course is 25 words per minute on a ten-minute test of simple material. This class meets twice daily.

Four quarter hours.

SECRETARIAL SCIENCE 13. *Elementary Accounting.* This course is designed for the student who has had no accounting or bookkeeping in high school. Its purpose is to develop the fundamentals underlying accounting practice and procedure and to apply these principles in problem cases such as will confront the average office worker.

Two quarter hours.

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*For the duration of the war the regular two-year diploma course in Secretarial Science is being replaced by an accelerated one-year course for the purpose of helping relieve the critical shortage in this profession.

Secretarial Science 14. *General Office Practice.* A course in training for the general clerical worker. It includes work on the adding machine, calculator, and ditto machine as well as training in general office procedure.

Three quarter hours.

Second Quarter

Secretarial Science 15. *Advanced Shorthand.* This course is a continuation of 141, but any student with a C average who can pass a test given at 60 words per minute is eligible to enter the class. Speed is developed, with special emphasis on accuracy. This class would be a good review for the office worker desiring to write more accurately. A minimum speed of 100 words per minute on practiced material and 80 words per minute on new material is required for receiving credit for the course. The class meets twice daily.

Four quarter hours.

Secretarial Science 16. *Advanced Typewriting.* This course is open to any student with a C average who can pass a speed test of 25 words per minute on simple material. Speed and accuracy are developed and practice is given in tabulation and billing, stencil-cutting, rough drafts, and other typewriting problems. A speed of 40 words per minute on a 10-minute test is one of the requirements for receiving credit for the course. The class meets twice daily.

Four quarter hours.

Secretarial Science 17. *Intermediate Accounting.* This course is a continuation of 121, but is open to any student who has had one year of bookkeeping in high school or a C average in college work. Attention is given to individual income tax returns, social security accounting as well as general secretarial accounting.

Two quarter hours.

Secretarial Science 18. *General Office Practice.* This course is designed to acquaint the student with the various problems confronting the office worker. Practice is given in filing, mimeograph work, office costs, office mathematics, and general office procedure. Students entering the course must have a basic knowledge of typewriting and a C average in previous college work, or a C average in high school.

Three quarter hours.

THIRD QUARTER

SECRETARIAL SCIENCE 19. *Dictation.* This course is open to any student who can pass a qualifying examination of 80 words per minute on simple material, and who does not have any grade below C in previous college work or to any experienced stenographer who desires to increase speed. A speed of 120 will be attained by the *average* student in the class, although some students will reach a much higher speed. One of the requirements for credit is the passing of a Civil Service Examination given by a properly qualified Civil Service Representative.

Four quarter hours.

SECRETARIAL SCIENCE 21. *Transcription.* This course is planned principally for training in reading from dictation and in acquiring speed in typing from notes. Attention is paid to spelling, working time, correct form in transcribing letters, and general problems of the stenographer. Practice in the use of the Dictaphone is stressed. This course must be taken concurrently with 143.

Three quarter hours.

SECRETARIAL SCIENCE 22. *Speed Typewriting.* This class is open to any student with a C average who can pass a qualifying examination of 40 words per minute on simple material. Attention is given to speed and accuracy. The student with ability in typewriting should attain a speed of at least 80 words per minute, although the requirement for receiving credit for the course is 60 words per minute. The class meets twice daily.

Three quarter hours.

SECRETARIAL SCIENCE 23. *General Office Practice.* This course is designed to give the student a working knowledge of business law, forms that are commonly used in offices, a review of all business machines taught in previous courses, and is a general review of office procedure. A Civil Service Examination for the Clerical Worker will be given at the completion of the course. Prerequisites: 14 and 18 or office experience.

Three quarter hours.

DIVISION OF HOME ECONOMICS

Alice R. Smith
Assistant Professor of Home Economics

It is the plan of Union College to offer the degree of Bachelor of Science in Home Economics. The freshman and sophomore curriculum for this degree appears on page 42. Complete requirements for this degree will appear in a subsequent catalogue.

Requirements for a major.....36 quarter hours
Requirements for a minor.....24 quarter hours

Home Economics 11, 12. *Textiles.* A study of textile fibers, both natural and synthetic; also the fundamental weaves and finishes of fabrics with regard to selection of suitable materials for personal and household use.

Two quarter hours.

Home Economics 13. *Costume Design.* A study of appropriate costume for the individual; choice of line, color and texture with emphasis upon the relation of these to physical make-up and personality. Prerequisite: Fundamentals of Art.

Three quarter hours.

Home Economics 14, 15, 16. *Foods.* Introductory food study; the course includes a study of the classifications and composition of foods, principles of cookery and practice in food preparation, meal planning and table service.

Three quarter hours.

Home Economics 31, 32. *Clothing.* Primarily a construction course; includes a study of construction principles, adaptation and alteration of commercial patterns and the use and care of sewing equipment. Prerequisites: Home Economics 13, Textiles; and Home Economics 11, 12, Costume Design.

Home Economics 33. *Fundamentals of Homemaking.* A general course dealing with common housekeeping problems of the average home. Not open to Home Economic majors.

Two quarter hours.

Home Economics 34. *Housing.* Social and economic problems of housing in America; problems of house buying and house planning from the consumer's point of view.

Two quarter hours.

HOME ECONOMICS 35. *Interior Decoration.* A study of line, color and texture in furnishings used to create a pleasing interior in homes used for present day living. Prerequisites: Textiles and Fundamentals of Art.

Two quarter hours.

SUMMER SESSION

GENERAL ANNOUNCEMENT. Union College has an eleven week quarter of summer work divided into two five and one-half weeks' terms. The first term for 1943 opens June 9 and closes July 14. The second term opens July 15 and closes August 21. The classes meet six days each week. Classwork begins in the morning at 7:30. The program of studies published in the summer bulletin is such that a student may take the regular college courses and the courses that are required for certificates issued by the Department of Education of the State of Kentucky.

REQUIREMENTS FOR ADMISSION. The requirements for admission are the same for the Summer Session as for the regular work. For a complete statement concerning them the proper section of the catalog should be consulted. It is important that new students have transcripts of work done in high school and college sent to the Dean before the opening of the session.

CREDIT. The work offered in the Summer Session is equivalent in method, character, and credit value to that of the academic year. Eight or nine quarter hours of college work constitute an average load for a term of five and one-half weeks, but under certain conditions ten or eleven hours are permitted. Twenty-one hours is the maximum credit allowed for the two terms.

RECREATION. Near-by mountains and many historic places are easily accessible for excursions and picnics. An organized recreational program on the campus will be supervised by a faculty member. A modern gymnasium and tennis courts are available to students.

For further information write to the Dean of the College.

DEGREES GRANTED IN 1942

Benjamin, Neal	B.S.	Barbourville, Ky.
Callebs, Ruth	B.S. in Education	Barbourville, Ky.
Campbell, Ardithearl	B.S. in Education	Corkin, Ky.
Click, Chester	B.S. in Education	Barbourville, Ky.
Cook, John	A.B.	Barnesville, Ohio
Douglas, Agnes	A.B.	Balkan, Ky.
Faulkner, Herman	A.B.	Barbourville, Ky.
Fleming, Evelyn	A.B.	Oceanside, N. Y.
Gross, Orville	B.S.	Twila, Ky.
Hawn, William	B.S.	Barbourville, Ky.
Hopkins, Edna	B.S. in Education	Loyall, Ky.
*Howard, Irene	A.B.	Wallins Creek, Ky.
Jarvis, James A.	A.B.	Barbourville, Ky.
Johnson, Kathleen	B.S. in Education	Mill Pond, Ky.
Jones, Elmer	B.S. in Education	Corbin, Ky.
Lynch, Pauline	A.B.	Barbourville, Ky.
McCoy, Helen	B.S.	Springfield, Ill.
McFadden, Dan	B.S. in Education	London, Ky.
*Park, James	B.S. in Education	Pineville, Ky.
Parker, Dulcie	A.B.	Barbourville, Ky.
Pence, Howard	B.S. in Education	Beverly, Ky.
*Reed, Oma	B.S. in Education	Burning Spgs, Ky.
Robbins, Marvin	B.S. in Education	Wasioto, Ky.
Rumbley, Willa	B.S.	Brownsville, Ind.
Samples, Gilbert	B. S. in Education	Manchester, Ky.
Slagle, Geneva	A.B.	Benham, Ky.
Smith, Bill	B.S.	Harlan, Ky.
Smith, Ruby T.	B.S. in Education	Woodbine, Ky.
Wilson, Edgar	B.S. in Education	Middlesboro, Ky.

HONORARY DEGREES

Logan Hall	D.D.	Indianapolis, Ind.
Samuel C. Rice	D.D.	Newport, Ky.

DIPLOMAS IN SECRETARIAL SCIENCE

Charles Thomas Easterly
Lila Frances Howard
Geraldine Jones
John Leon McNeil

*Graduated September 19, 1941

Register of Students

SENIORS—1942-43

Name	*Address*
Bright, Horace Winston	Barbourville
Dunn, Jocelyn Limerick	Corbin
Durham, Donald William	Reidsville, N. C.
Faulkner, William H.	Frenchburg
Jackson, Luster	Erose
Judd, Edna Mae	Levi
Lawry, Russell Chalmer	Clarks Summit, Pa.
Melvin, Neil McMillan	Jackson Springs, N. C.
Mullins, Luther M.	Jenkins
Pearce, Margaret Frances	Detroit, Mich.
Reese, Joe Lee	Garrison
Swim, Dixie	Mariba
Swim, Lynn Frances	Louisville
Taylor, Lois	Corbin
Tolle, Charles Lincoln	Windfall, Ind.
Tye, Virginia May	Corbin
Williams, Robert Earl	Concord, N. C.
York, Ralph Dexter	Binghamton, N. Y.

JUNIORS—1942-43

Adams, Bill Harmon ..... Corbin
Blair, Mae ..... Barbourville
Bostic, Howard Ralph ..... Clairfield, Tenn.
Calloway, Charles E. ..... Hulen
Campbell, Mrs. G. W. ..... Corbin
Dugger, Melba ..... Barbourville
Fleming, Gladys Irene ..... Oceanside, N. Y.
Gibson, John Homer ..... Fount
Goins, Eloise ..... Corbin
Greene, Anna Laura ..... Ingram
Hamm, Robert Wesley ..... Edmeston, N. Y.
Hearne, William M. ..... Delmar, Del.
Hendricks, Marion ..... Barbourville
Hogg, L. Doris ..... Somerset
Hoskins, Billy. ..... Straight Creek
Jaquess, William Howard ..... Owensville, Ind.
Jordan, Orbin ..... Barbourville
Kessel, Wayne Marshall ..... Fisher, W. Va.
Lee, Opal Vernell ..... Barbourville
Legear, Glen ..... Carpenter
Mink, Gladys Virginia ..... Corbin
Miracle, Roy Clifton ..... Balkan
Nankivell, Mary Eileen ..... Columbia
Niceley, Gillon Truett ..... Vine Grove
Pembroke, Madlyn B. ..... Montpelier, Vt.
Roberts, Charles Frederick ..... Bimble
Rose, Joie ..... Carpenter
Rumbley, George ..... Brownsville, Ind.
Saylor, Cleston ..... Brodhead
Scalf, Gladys ..... Corbin
Scott, Florice Geraldine ..... Travelers Rest
Shoupe, Flem Roland ..... Alva
Slusher, Virgil Babe ..... Pineville
Smith, Donald Cawood ..... Cawood
Spurlock, Charles Kenneth ..... Cawood
Taylor, Daniel Claydus ..... Hulen
Tye, Evelyn ..... Barbourville
Walker, Nina Belle ..... Barbourville
West, Mary Florence ..... Pineville
Williams, Elva Goss ..... Barbourville
Wilson, Evelyn ..... Insull
Woodward, Sibyl Janet ..... Boreing
Yahnig, Christine Marie ..... Somerset

SOPHOMORES—1942-43

Abner, Kelen B. ..... Corbin
Adams, Porter F. ..... Otego, N. Y.
Amis, Mrs. Victoria ..... Scalf
Atkins, Mary Kathleen ..... Louisa
Baker, William J. ..... Corbin
Blair, Ina Nelson ..... Barbourville
Bostic, Earl Bruce ..... Clairfield, Tenn.
Britton, Wilma ..... Heidrick
Brumbaugh, Audrey Lee ..... Barbourville
Bullock, Marion Louise
South Ozone Park, N. Y.
Burgess, Mrs. Mabel ..... Barbourville
Cannon, Martha Jean ..... Corbin
Chandler, Joe Paul ..... Eddyville
Cunningham, Edwin B. ..... Bondville
Daniel, Jean Frances ..... Pineville
Davis, Lorna June ..... Barbourville
Doby, Pauline Mildred ..... Gray
Durham, Geneva ..... Cincinnati, O.
Ford, Donald Eugene
Taylorsville, Ind.
Greene, Bill Ray ..... Barbourville
Gunning, Margaret ..... Closplint
Hamlin, Thurman Jerome
East Bernstadt, Ky.
Lee, Ardith Isobelle ..... Barbourville
McCall, Lois ..... Corbin
Martin, Virginia Ellen ..... Barbourville
Morgan, Mary Katharine
Bristol, Tenn.
Murphy, Maxine ..... Liberty
Nau, Edward Joseph
Wheeling, W. Va.
Naylor, Fernan Belle ..... Beuna Vista
Nolan, Daisy June ..... Linefork
Nolan, Grace Elizabeth, Cumberland
Osborne, Ora Lee ..... Wallins Creek
Parsons, Gaynell Sybil ..... Yancey
Patterson, Evelene ..... Heidrick
Ritchie, Jean ..... Tribbey
Russell, Roy ..... Garrison
Taylor, James Clyde ..... Hulen
Tye, Barbara Ann ..... Barbourville
Tye, Herman ..... Barbourville
Weller, Fred Burnam ..... Pineville
Whitfield, Anita M. ..... Barbourville
Wilkerson, Ruth Mae ..... Corbin

FRESHMEN—1942-43

Arnold, Loretta ..... Evarts
Baldwin, Fredus Lewis Newport, Del.
Baldwin, Raymond ..... London
Bingham, David ..... Pineville
Brock, Ben Ernest ..... Pineville
Broughton, Marietta Mae
Barbourville
Bryant, Patsy Marcy ..... Corbin
Buchanan, Charles W. ..... Barbourville
Bullock, Helen Rose ..... Mt. Vernon
Campbell, Pearl ..... Laurel Creek
Canady, Joyce L. ..... Barbourville
Carnes, Roellen ..... Dewitt
Carter, Ruth Mildred ..... Cawood
Clark, Thelma Christine ..... Luretha
Clem, Uva Rebecca ..... Evarts
Clutts, Loretta Wray ..... Rella
Coldiron, Jean ..... Harlan
Corey, A. T. ..... Barbourville
Cox, Virginia Howard ..... Twila
Crouch, Sam Edward ..... Evarts
Decker, Dora Eva ..... Somerset
Deerfield, Beulah ..... Cattlettsburg
Denney, Edna Jane ..... Somerset
Dezarn, Stanley ..... Laurel Creek
Dungan, Helen Gertrude
Science Hill
Dutton, Gladys Smith ..... Somerset
Eastham, Chauncey M. ..... Science Hill
Elam, Dexter Marie ..... Barbourville
Elrod, Betty ..... Maysville
Farnsworth, Bernard ..... Newark, N. Y.
Fisher, Hilda Mae ..... Heidrick
Foster, Dorothy Louise
Long Island, N. Y.
Garrett, Nell ..... Cedartown, Ga.
Gentry, Ruby Mae ..... Somerset
Goggin, Margaret Etta ..... Lancaster
Golden, Jacqueline Eloise
Barbourville
Greear, Mary Elizabeth ..... Bardstown
Greene, Dorothy ..... Ingram
Hacker, Earl ..... Cottongim, Ky.
Hall, Monroe ..... Beefhide
Hammonds, Margaret Marie
Barbourville
Hammons, June ..... Barbourville
Hargis, Ina ..... Ruth
Harris, Charles Robert ..... Corbin
Hines, Verda Mae ..... Ruth
Holcomb, Gladys ..... Wallins Creek
Holladay, Hazel ..... Somerset
Jones, Florence H. ..... Corbin
Jones, Jo ..... Louisville

Jones, S. Juanita—Hazard
Keeney, Emma Lynn—Ruth
Kelly, Kathleen—Evarts
Kilgore, Dorothy Louise, Barbourville
Knuckles, Lydia Jean—Beverly
Laws, Mary Geneva—Crummies
Leath, Emma—Flat Lick
Leigh, Faye H.—Somerset
Lindsay, Thelma Louise—Corbin
Little, Christine—Berea
Lorton, Haywood Stockton—Eubank
Lumpkins, Bonnie Gee—Barbourville
Lyon, Manuel—Louisa
McKee, Dolores Estelle—W. Somerset
Manning, Ethel A.—Barbourville
Miller, Merle Marie—Barbourville
Minton, Josephine Minnie
Cains Store
Minton, Roxie Marie—Mintonville
Miracle, Bradley—Balkan
Morris, Aleene—Lancaster
Muse, Onedia—Somerset
Nichols, Lena Sears—Somerset
Nunnelley, Jennie Vaught
Somerset
Owens, James Duane—Barbourville
Owens, Ida Mae—Corbin
Parker, Ruby—Barbourville
Parsons, Wilma Elaine—Barbourville
Payne, Earl Ray—Flat Lick
Payne, Evelyn—Barbourville
Ponder, Eleanor Terry—Salem, Ind.
Prather, Edna—W. Somerset
Rice, Cathleen Jeanette—Vanceburg
Roark, Naomi Christine—Dykes
Robbins, Dora Agnes—Coalgood
Runyan, Pauline—Barbourville
Saylor, Juanita—Crab Orchard
Sexton, Charles—Carlisle
Sharp, Helen Joyce—Yancey
Tappan, Katherine E.—Delmar
Taylor, Wayne—Corbin
Townsend, Milton
Penn's Grove, N. J.
Townsley, Cleda Ellen—Barnyard
Vaught, Betty Gooch—Science Hill
Webb, Chester Edward
Binghampton, N. Y.
Wilder, Martin—Baxter
Williams, Doris Francile—London
Wolfe, Marjorie—Hopkinsville
Yahnig, Jessie Ovaline—Somerset
York, Ruby Evelyn, Wharton, W. Va.
Ziegler, Mabel Theodora—Maysville

SPECIAL STUDENTS

Arnett, Effie—Pineville
Walker, Charles R., Jr.
Huntington, W. Va.

1942 SUMMER TERM

Adams, Bill Harmon—Corbin
Alford, Ivera Eve—Trosper
Amis, Victoria Bingham—Scalf
Bailey, Mrs. Wade H.—Middlesboro
Barton, Mallie Marie—Woodbine
Barton, Martha—Rockhold
Barton, Mary—Rockhold
Blair, Ina Nelson—Barbourville
Blair, Mae—Barbourville
Boggs, Wilmer Lee—London
Bowlin, Joey—Frakes
Brook, Martha Jane—Kettle Island
Broughton, Marietta Mae
Barbourville
Bullock, Marion Louise
So. Ozone Park, N. Y.
Burgess, Mabel—Barbourville
Campbell, Ardithearl—Corbin
Chitwood, Marie—Pine Knot
Clay, Agnes—London
Combs, Georgia—Oneida
Cox, Ruby Jean—Barbourville
Croley, James Everett, Jr.—Pineville
Davis, Lorna June—Barbourville
Davis, Rubye—Bryants Store
Dinsmore, Magdalene—Barbourville
Donelson, Charles C.
Indianapolis, Ind.
Douglas, Agnes—Balkan
Dugger, Edith—Corbin
Dunn, Jocelyn Limerick—Corbin
Eastridge, Ruby—Bryants Store
Eastridge, Ruth—Bryants Store
Eastridge, Winnie—Bryants Store
Epperson, Bernice—Barbourville
Evans, Edith Marie—Teague
Farris, Pauline—Gray
Feltner, Odra—Hayden
Fisher, Hilda Mae—Heidrick
Fisher, Nora Laverne—Heidrick
Fleming, Evelyn Alice
Oceanside, N. Y.
Fleming, Gladys Irene
Oceanside, N. Y.
Fritts, Betty Jean—Gatliff
Goins, Eloise—Corbin
Golden, James Stephen, Jr.—Pineville
Greene, Bill Ray—Barbourville

Gross, Orville ..... Louisville
Gunning, Margaret Phyllis ..... Closplint
Hamlin, Thurman Jerome
East Bernstadt
Hawn, William F. ..... Barbourville
Hopkins, Edna Ewers ..... Loyall
House, Thelma Lee Doan ..... London
Howard, Wilma Naomi ..... Twila
Hubbard, Sallie C. ..... Portersburg
Hughes, Delanie ..... Burning Springs
Johnson, Kathleen ..... Mill Pond
Jones, Bertie M. ..... London
Jones, Ethel Lay ..... Pleasant View
Jones, Florence H. ..... Corbin
Jones, Mrs. Scy H. ..... Barbourville
Judd, Edna Mae ..... Levi
Knuckles, Matilda Mae ..... Beverly
Lawson, Dorothy ..... Williamsburg
Leath, Emma ..... Flat Lick
Lee, Gladys Slusher ..... Four Mile
Lee, Opal ..... Barbourville
LeForce, Judith Josephine ..... Wafford
Leger, Glen Monroe ..... Carpenter
Lewis, Freda Mae ..... Barbourville
McKeehan, Barnard Evans
Barbourville
Mackey, Maud M. ..... Barbourville
Marks, Helen L. ..... Barbourville
Martin, Virginia Ellen ..... Barbourville
Mays, Cleda ..... Gausdale
Mendors, Thelma ..... Barbourville
Melvin, Neil McMillan
Jackson Springs, N. Car.
Miller, Mabel Doris ..... Rockhold
Mills, Marjorie ..... Flat Lick
Miracle, Eva Joyce ..... Balkan
Miracle, June Elizabeth ..... Insull
Miracle, Pearlie ..... Cubage
Mitchell, Ernestine F. ..... Rockhold
Monhollen, Clara ..... Williamsburg
Moore, Ethel Greene ..... Kirkersville, O.
Muir, Carolyn Lee ..... Bloomfield
Mullis, Jimmie ..... Rockhold
Nau, Edward Joseph
Wheeling, W. Va.
Nicholson, Neva ..... Williamsburg
Nolan, Daisy June ..... Linefolk
Nolan, Grace Elizabeth ..... Cumberland
Park, James Lowell ..... Pineville
Parker, Dulcie Nell ..... Barbourville
Parsons, Wilma Elaine ..... Barbourville
Payne, Earl Ray ..... Flat Lick
Pearce, Margaret Frances
Detroit, Mich.
Pence, Howard Moore ..... Beverly
Planty, Marjorie ..... Barbourville
Poff, Dorothy M. ..... Barbourville
Powell, Betty E. ..... Evarts
Powell, Evelyn Gladys ..... Place
Reed, Oma ..... Burning Springs
Reese, Joe Lee ..... Garrison
Roberts, Charles F. ..... Bimble
Rose, Clara Mae ..... Swan Lake
Rose, Joie ..... Carpenter
Samples, Gilbert ..... Manchester
Sherman, Irene ..... Louisville
Shoupe, Flem Roland ..... Alva
Slagle, Geneva ..... Benham
Slaton, Maude ..... Jellico, Tenn.
Slusher, Kathleen ..... Walker
Slusher, Virginia ..... Pineville
Smith, Austin Charles ..... Llion, N. Y.
Smith, Ruby T. ..... Woodbine
Taylor, Lois ..... Corbin
Taylor, Nora Dee ..... Williamsburg
Teeters, Juanita ..... Teetersville
Townsley, Cleda Ellen ..... Barnyard
Trosper, Violet Mae ..... Cawood
Turner, Richard ..... Martin
Tye, Barbara Ann ..... Barbourville
Tye, Virginia ..... Corbin
Valentine, Kathleen ..... Heidrick
Vannoy, Pauline Ely ..... Middlesboro
Wagers, Mabel Bingham ..... Barbourville
Walker, Laura ..... Walker
Warren, Mildred Naomi ..... Wallins
Warren, Prudie ..... Greenroad
Webb, Myrtle Roark ..... Corbin
Weller, Fred Burnam ..... Pineville
White, Mary Jane ..... Manchester
Wilson, Susie Irene ..... Gold Bug
Woolum, Pauline ..... Jenson

SUMMARY OF ENROLLMENT

April 1, 1943

	NUMBER ENROLLED AS																	
	Freshmen			*Sophomores*			*Juniors*			*Seniors*			*Specials*			*Total*		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Summer Session—																		
First Term	1	9	10	6	19	25	5	45	50	8	20	28	1	6	7	21	99	120
Second Term	2	9	11	6	4	10	3	9	12	3	5	8	1	3	4	15	30	45
First Semester—																		
Full-time Students	19	48	67	13	23	36	19	9	28	11	5	16	1	0	1	63	85	148
Part-time Students	0	1	1	0	0	0	1	3	4	0	0	0	0	1	1	1	5	6
Extension at Somerset	2	21	23	0	0	0	0	1	1	0	0	0	0	0	0	2	22	24
Second Semester—																		
Full-time Students	15	42	57	9	28	37	18	16	34	11	5	16	1	0	1	54	91	145
Part-time Students	1	1	2	1	0	1	1	2	3	1	0	1	0	0	0	4	3	7
Spring Term	0	2	2	0	3	3	0	5	5	0	0	0	0	0	0	0	10	10
Total Enrollment First and Second Semesters (Excluding Duplicates and Extension)	22	56	78	13	32	45	20	17	37	12	6	18	1	1	2	68	112	180
Total Enrollment for the Academic Year (Excluding Duplicates)	25	83	108	16	41	57	23	67	90	18	22	40	2	9	11	84	222	306*

*The total enrollment is 100 less than normal, due to war-time conditions.

Full-time Student Equivalent—180.52.

Memoranda

Memoranda

Memoranda

Memoranda

PRELIMINARY APPLICATION FOR ADMISSION

UNION COLLEGE

BARBOURVILLE, KENTUCKY

CONWAY BOATMAN, *President* C. R. WIMMER, *Dean*

Date.....

Name in full..... Male ☐ Female ☐

Address.....

Single, married, widowed, divorced?.....

Name of parent or guardian.....

Address.....

Applicant's age last birthday.....

High School from which graduated.....

Name of High School Principal.....

Address.....

Name of colleges previously attended, if any.....

.....

(It is necessary to list all colleges previously attended)

Hours of college credit earned.....

When do you desire to enroll?.....

Give name and address of two prominent citizens (not relatives) who know you and your family well.

Name Address

.....

Name Address

.....

Is dormitory room desired?..... (If so, a $3.00 caution and room reservation deposit must accompany this application. If notice of withdrawal is received not later than two weeks prior to the first date of registration, the deposit will be refunded.)

UNION COLLEGE

44 BULLETIN 1945

"Go to College in Kentucky"

UNION COLLEGE BARBOURVILLE, KENTUCKY
PRO DEO ET HOMINE
FOUNDED IN 1879

Accredited Recognition

Member of
Southern Association of Colleges
and Secondary Schools

Member of
Kentucky Association of Colleges
and Secondary Schools

Member of
Association of American Colleges

Member of
University Senate Methodist Church

Member of
Kentucky Association of Church-Related Colleges

Accredited as a Standard Four Year College by the University of Kentucky, by the Department of Education of the State of Kentucky, and by the University of the State of New York.

Union College
Bulletin

Annual Catalog

1944-1945

VOL. VI, No. 2 (New Series) April, 1944
PUBLISHED QUARTERLY BY
Union College
Barbourville, Ky.
FEBRUARY, APRIL, JULY, AND OCTOBER

Entered as second-class matter at the post office at Barbourville, Kentucky, under Act of Congress, August 24, 1912.

1944

January

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

March

S	M	T	W	T	F	S
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Calendar for the College Year

1944-45

SUMMER QUARTER 1944

First Term

June 7, *Wednesday*—Registration for first term.
June 8, *Thursday*—Classes begin.
June 13, *Tuesday*—Last date to register for first term.
July 14, *Friday*—First term commencement exercises.
July 15, *Saturday*—First term ends.

Second Term

July 17, *Monday*—Second term registration.
July 18, *Tuesday*—Classes begin.
July 24, *Monday*—Last date to register for second term.
August 22, *Tuesday*—Second term commencement exercises.
August 23, *Wednesday*—Second term ends.

FALL QUARTER—1944-45

September 24, *Sunday*—Dormitories open.
September 25, *Monday*—Registration for fall quarter.
September 26, *Tuesday*—Classes begin.
September 27, *Wednesday*—College convocation at 9:45 a. m.
October 10, *Tuesday*—Last date to register for fall quarter.
November 23, *Thursday*—Thanksgiving holiday.
December 11, 12, 13, *Monday, Tuesday, Wednesday*—Final examinations.
December 13, *Wednesday*—Fall quarter ends.

WINTER QUARTER—1944-45

January 2, *Tuesday*—Registration for winter quarter.
January 3, *Wednesday*—Classes begin.
January 17, *Wednesday*—Last date to register for winter quarter.
February 12, *Monday*—Special second term registration.
March 19, 20, 21, *Monday, Tuesday, Wednesday*—Final examinations.
March 21, *Wednesday*—Winter quarter ends.

SPRING QUARTER—1944-45

March 26, *Monday*—Registration for spring term.
March 27, *Tuesday*—Classes begin.
April 10, *Tuesday*—Last date to register for spring term.
June 3, *Sunday*—Baccalaureate services at 10:30 a. m.
June 4, *Monday*—Annual meeting of Board of Trustees at 9:00 a. m.
June 5, *Tuesday*—Sixty-sixth commencement at 10:30 a. m.
June 7, 8, 9, *Thursday, Friday, Saturday*—Final examinations.

SUMMER QUARTER—1945

First Term

June 11, *Monday*—Registration for first term.
June 12, *Tuesday*—Classes begin.
June 16, *Saturday*—Last date to register for first term.
July 17, *Tuesday*—First term commencement.
July 18, *Wednesday*—First term ends.

Second Term

July 19, *Thursday*—Registration for second term.
July 20, *Friday*—Classes begin.
July 25, *Wednesday*—Last date to register for first term.
August 24, *Friday*—Second term commencement.
August 25, *Saturday*—Second term ends.

BOARD OF TRUSTEES

Term Expiring 1944

S. C. Rice.....931 North Ft. Thomas Street, Ft. Thomas, Ky.
Mrs. F. D. Sampson.....Sampson Hill, Barbourville, Ky.
C. N. White.....Barbourville, Ky.

Term Expiring 1945

Alvis S. Bennett.....Hartford, Ky.
J. L. Decell.....Arlington Place, Birmingham, Ala.
Henry M. Zimmerman.....2062 Reading Road, Cincinnati, Ohio

Term Expiring 1946

C. B. Cawood.....Harlan, Ky.
A. R. Perkins.....Harlan, Ky.
Mrs. Henry Pfeiffer.....New York City, N. Y.
S. L. Renfro.....Williamsburg, Ky.

Term Expiring 1947

T. W. Appleby.....2400 Reading Road, Cincinnati, Ohio
Milton A. Galbraith.....Harlan, Ky.
Luther M. Walter.....2106 Field Building, Chicago, Ill.
J. W. Weldon.....Henderson, Ky.
E. S. Woosley.....Louisville Trust Co., Louisville, Ky.

Term Expiring 1948

J. H. Richardson.....Maysville, Ky.
W. C. Stewart.....316 Prospect Avenue, Bellevue, Ky.
Kenneth H. Tuggle.....Barbourville, Ky.
J. Ralph Wood.....Hazard, Ky.

Term Expiring 1949

Harry E. Bullock.....Union Station Building, Lexington, Ky.
Joseph Edinger.....1580 Parsons Place, Louisville, Ky.
Sampson Knuckles.....Barbourville, Ky.
H. A. Sprague.....818 S. Kentucky Avenue, Evansville 13, Ind.
Bedford Turner.....Henderson, Ky.
C. E. Vogel.....Third and Guthrie, Louisville, Ky.

Members Emeriti

*A. B. Cornett.....Harlan, Ky.
C. B. Nordeman.....1650 Beechwood, Louisville, Ky.

Ex-Officio Members

Conway Boatman.....Baldwin Place, Barbourville, Ky.
Area Bishop.....

*Deceased April 21, 1943.

OFFICERS OF THE BOARD

Harry E. Bullock.....*President*
S. C. Rice.....*Vice-President*
Alvis S. Bennett.....*Secretary*
James F. Blair.....*Treasurer*

STANDING COMMITTEES OF THE BOARD

Executive—

C. Boatman, *Ex-Officio Chairman*
A. R. Perkins
C. N. White
K. H. Tuggle
Mrs. F. D. Sampson
S. L. Renfro

Finance—

K. H. Tuggle
Alvis S. Bennett
H. E. Bullock
S. C. Rice
T. W. Appleby
E. S. Woosley

Endowment—

H. E. Bullock
L. M. Walter
H. M. Zimmerman
J. F. Blair
T. W. Appleby
K. H. Tuggle

Buildings and Grounds—

Mrs. F. D. Sampson
J. H. Richardson
J. Ralph Wood
W. C. Stewart
M. A. Galbraith

Personnel and Policy—

H. A. Sprague
Area Bishop
C. E. Vogel
J. W. Weldon
A. R. Perkins

Development—

H. M. Zimmerman
Mrs. F. D. Sampson
J. H. Richardson
H. A. Sprague
W. C. Stewart
C. N. White

ADMINISTRATIVE STAFF

Conway Boatman.....*President*
Charles R. Wimmer.....*Dean of the College and Registrar*
James F. Blair.....*Treasurer*
Marvin Topping.....*Director of Public Relations*
Frances Eichor.....*Dean of Women*
Alleen Wilson.....*Librarian*
Opal Luce.....*Secretary to the President*
Ernestine Richardson.....*Dietician*
E. A. Bender.....*Superintendent of Buildings and Grounds*

THE FACULTY

Conway Boatman, A.B., B.D., M.A., D.D., (1938) Baldwin Place

President

Charles R. Wimmer, M.S., Ph.D. (1932) 403 College Street

Dean of the College

Professor of Chemistry and Head of Department of Physical Science

B.S., Allegheny College, 1923; M.S., Ohio State University, 1925; Ph.D., University of Cincinnati, 1932; graduate study, Yale University, 1928-1929; Columbia University, summer 1942.

Wayne T. Gray, M.A., Ph.D. (1930) College Street

Professor of Sociology and Head of the Department of Sociology and History

B.S., University of Nebraska, 1922; A.M., University of Wisconsin, 1928; Ph.D., ibid., 1932.

Harwell P. Sturdivant, M.A., Ph.D. (1932) Sycamore Street

Professor of Biology and Head of Department of Biology

B.S., Emory University, 1925; A.M., ibid., 1926; Ph.D., Columbia University, 1932.

Byron H. Gibson, A.M., Ph.D. (1932) 411 College Street

Professor of English and Head of the Department of Languages

A.B., Birmingham-Southern College, 1928; A.M., University of Illinois, 1929; Ph.D., ibid., 1931.

Otis C. Amis, M.A., Ph.D. (1942) 139 Pine Street

Head of the Department and Professor of Education and Director of Extension

A.B., Eastern State Teachers College, 1929; M.A., University of Kentucky, 1934; Ph.D., Cornell University, 1939; graduate study, George Peabody College for Teachers, 1930-31.

*Joseph B. James, M.A., Ph.D., (1940) Sycamore Street

Professor of History and Head of the Department of History

B.A. in Education, University of Florida, 1934; M.A., ibid., 1935; Ph.D., University of Illinois, 1939.

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*On leave of absence for duration of war.

*J. R. BACON, A.B., M.A. (1929) Knox Street

Professor of Physical Education and Head of the Division of Physical Education

A.B., Kentucky Wesleyan, 1926; M.A., University of Kentucky, 1939; six-weeks' summer term, University of Iowa, 1929.

DAVID WESLEY SOPER, A.B., S.T.B. (1943) 234 Sycamore Street

Francis Landrum Memorial Professor of Bible and Philosophy and Head of the Department of Bible and Philosophy

A.B., John B. Stetson University, 1934; S.T.B., Biblical Seminary in New York, 1938; graduate study, Drew University, 1939-1943.

STELLA WARD, A.B., A.M. (1934) Pine Street

Assistant Professor of English

A.B., Eastern Kentucky State Teachers College, 1929; A.M., George Peabody College for Teachers, 1934, summer 1941; Cornell University, summer 1937.

KATHLEEN MOORE, A.B., M.A. (1937) Mitchell Apartments

Assistant Professor of Education

A.B., Mississippi State College for Women, 1926; M.A., Teachers College, Columbia University, 1929; Teachers College, Columbia University, summer 1932; Ohio State University, summer 1940.

FRANCES EICHOR, B.S. in Education, M.E. (1943) Pfeiffer Hall

Dean of Women and Assistant Professor in Education

B.S. in Education, University of Missouri, 1937; M.E., ibid., 1941.

ALICE ROBERTSON SMITH, A.B., M.A. (1942) Pfeiffer Hall

Assistant Professor of Home Economics

A.B., Cumberland University, 1922; graduate work, University of Texas, 1925-26; fine arts, George Peabody College for Teachers, summers 1931 and 1934; Music School of Potomac State College 1929-30, 1930-31, 1931-32; M.A., Columbia University, 1942; graduate study, Columbia University, summer 1943.

ALBERTA L. BALMER, B.E., M.B.E. (1943) Speed Hall

Assistant Professor of Secretarial Science

B.E., Western Illinois State Teachers College, 1935; M.B.E., University of Kentucky, 1943; graduate study, ibid., summer 1943.

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*On leave of absence for duration of war.

ALDIS B. EATERLING, A.B., M.A. (1943) Court Square

Assistant Professor of Spanish and French

A.B., Lawrence College, 1912; M.A., University of Kansas, 1922; University of Chicago, summers 1924, 1925, 1927; University of Mexico, summer 1926; University of Wisconsin, six summer terms 1920-1932; University of Paris, fall semester 1938, fall and spring semesters 1939-1940.

*FRANK K. BURGESS, A.B., M.A. (1935) Pine Street

Registrar and Instructor in Mathematics

A.B., Union College, 1935; M.A., University of Kentucky, 1940.

ALLEEN WILSON, A.B., B.S. in L.S. (1943) Speed Hall

Librarian

A.B., Missouri Wesleyan, 1919; B.S. in L.S., University of Illinois, 1929; graduate study, University of Colorado, summer 1920.

PHILLIP I. PETERS, B.S. (1943) 219 Knox Street

Instructor in Mathematics and Physics

B.S., Union College, 1941; graduate study, University of Kentucky, summer 1943.

SARAH EAGLETON KNIGHT, B.S., M.A. (1943) Speed Hall

Instructor in Physical Education

B.S., George Peabody College for Teachers, 1937; M.A., ibid., 1938; graduate study, ibid., summer 1939.

WILLIAM M. WILSON, A.B., M.A. (1937) Pine Street

Assistant Professor of Education in Summer Sessions

A.B., New Mexico Normal, 1925; M.A., George Peabody College for Teachers, 1928; graduate work, ibid., summer sessions 1930 and 1931.

*CLEONA L. CASE, B.C., B.S. in L.S. (1941) Speed Hall

Catalog Librarian

B.S., University of Minnesota, 1901; B.S. in L.S., University of Illinois, 1928; Columbia University Library School, summer 1931.

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*On leave of absence for duration of war.

KATHERINE VAN DEUSEN SUTPHEN (1932) Speed Hall

Instructor in Piano and Art

Graduate, Soloist's Diploma, New England Conservatory of Music, Boston, Mass.; University of Illinois, summers 1919-1920; organ under Dr. J. Lawrence Erb; University of Nebraska, summers 1921, 1922; University of Washington, D. C., summer 1924; Graduate and Certified Teacher of "Godowsky's Progressive Series."

ELMA A. RANDALL, A.B. (1942) Stevenson Hall

Personnel Adviser in Men's Dormitory and Instructor in Music

A.B., Albion College, 1909; graduate study, Albion College, 1909-10.

STUDENT ASSISTANTS

VIVIAN BLUNDELL.....*Office of Public Relations*
ELIZABETH GREEAR.....*Office of the Treasurer*
RICHARD M. LOTSPEICH.....*Chemistry*
MAXINE MURPHY.....*Office of the Dean*
EILEEN NANKIVELL.....*Biology*

CRITIC TEACHERS—BARBOURVILLE CITY SCHOOLS

ALMA A. BLACK

A.B., Carson-Newman College, 1938; graduate work: University of Kentucky, 1940; George Peabody College for Teachers, 1941.

BERNICE HUGHES

A.B., Union College, 1934; graduate work: Western Kentucky State Teachers College, 1935; George Peabody College for Teachers, 1936; University of Cincinnati, 1937, 1938, 1939, 1941.

JAMIMA FREDERICK

A.B., Union College, 1933; graduate work: University of Kentucky, summer 1935.

T. J. JARVIS

A.B., Union College, 1927; graduate work: University of Kentucky, 1939-40, 1941-42, summers 1935, 1940, 1941.

Zella Pelly Jarvis

A.B., Union College, 1932; graduate work: University of Kentucky. M.A. ibid. 1942.

Amanda Hammond Mitchell

B.S., Union College, 1933; graduate work: University of Kentucky, summers 1934, 1935, 1940 and 1941.

Kathryn Parker

A.B., Union College, 1932; graduate work: University of Kentucky, summer 1938.

Mrs. Roberta Tye

A.B., Union College, 1931.

H. D. Tye

B.S. in Education, Union College, 1934.

Thomasina Reiser

A.B., Southeastern Oklahoma State College, 1928.

UNION COLLEGE'S NEW LIBRARY

HISTORY OF UNION COLLEGE

Union College was founded in 1879 by a group of progressive citizens of Barbourville, who formed a stock company and by donation secured the main part of the present campus. In 1880 the first building was formally opened on the site of the present Administration Building. Mr. A. H. Harritt, who was instrumental in the organization of the school, was its first Principal. The local group soon discovered that the debt for the new building was too great for them to carry, and accordingly, in 1886, the buildings and property were ordered sold by the court. The Rev. Daniel Stevenson, the President of Augusta Collegiate Institute at Augusta, Kentucky, took interest in Union College, and in 1886 purchased the property for the Board of Education, Kentucky Conference, Methodist Episcopal Church. He became the first President under the new management, and during his term was instrumental in enlisting the friendship of Mrs. Fanny Speed, who later left the College a legacy that guaranteed its permanence.

Dr. Stevenson ranks as one of Kentucky's foremost educators. He was graduated from Transylvania University when Dr. Henry Bascom was its President. As a member of the Kentucky Conference, Methodist Episcopal Church, South, he was one of the leaders who helped in founding Kentucky Wesleyan College, now located at Winchester, Kentucky. In 1863 he was elected the first full-time superintendent of public instruction in Kentucky and exercised a wide influence in popularizing public education throughout the state. He brought this mature experience to Union College and placed its objectives in clear view.

Upon the death of President Stevenson in 1897, the Rev. James P. Faulkner, a member of the first graduating class of Union College, was elected to succeed him. During the administration of President Faulkner the college came into possession of the bequest of Mrs. Fanny Speed, and from that time its expansion was marked. During the same administration Fanny Speed Hall and the Central Heating Plant were planned and the work on the buildings was begun. These buildings were not available for use, however, until the beginning of the next administration, that of Rev. James W. Easley, B.D., A.M., whose term of office began in 1905. During the summer of 1906 the Administration Building was struck by lightning and burned. One year later it was replaced, and Stevenson Hall, dormitory for men, was erected. The coming of the elective system and the broadening of the curriculum made a college program seem like an impossible task to those in charge. The college department was therefore discontinued in 1908, and for eight years the institution was maintained only as an academy and an elementary school.

Upon the resignation of President Easley in 1910, the Hon. James D. Black, L.L.D., of Barbourville, later Governor of Kentucky, became the fourth President of Union College. The two years of President Black's connection with the school are remembered as years of substantial growth.

For the next three years the school was under the leadership of President Percy L. Ports, who for several years had been Professor of Natural Science. He was followed in 1914 by the Rev. E. R. Overley, who served as Acting President. This was the critical period in which the nature of the work that Union College should do in the future was being determined.

In 1914 the Board of Education of the Methodist Episcopal Church, through its corresponding secretary, Dr. Thomas Nicholson, became interested in Union College and assisted the Board of Education of the Kentucky Conference in planning for its future. The Rev. Ezra T. Franklin, elected President in the same year, worked in close co-operation with the Board of Education of the Methodist Episcopal Church and soon formulated a far-reaching and practical program. In 1919 the Memorial Gymnasium was built; in 1925 a home for the President was completed. A development program, inaugurated in 1921, helped to provide these improvements and materially aided in increasing the invested funds of the college.

In 1927 a bequest of $50,000 was received from the estate of Mrs. Obed H. Wilson for the establishing of a professorship known as the "Francis Landrum Professor of Ethics and Moral Conduct."

President Franklin severed his relationship with Union College November 15, 1928, to become President of Southwestern College, Winfield, Kansas. He was succeeded on February 1, 1929, by the Rev. John Owen Gross.

President Gross, from the beginning of his administration, emphasized the improvement of instruction and the building of a strong faculty. His ambition was to see Union College accredited by all the regional agencies. That his ambitions were reached is well shown by the accreditation the college now has. President Gross succeeded in improving the quality of work of Union College and in broadening the service to the area which the institution renders. During his administration, land adjacent to the campus was purchased, thus making possible further expansion of the college. A modern maintenance building housing the central heating plant, workshops, and several classrooms was erected during his administration.

President Gross resigned on August 20, 1938, to accept the position of President of Simpson College, Indianola, Iowa. He was succeeded on November 4, 1938, by Dr. Conway Boatman.

ACCREDITATION

In 1927 Union College was accredited by the University of Kentucky as a four-year college of A grade; in 1928 it was admitted to membership in the Association of Colleges and Universities of Kentucky; in 1931 it was accredited by the University Senate of the Methodist Episcopal Church; and in 1932 it was elected to membership in the Association of American Colleges. On December 1, 1932, its program for full accreditation was realized when it was made a member of the Southern Association of Colleges and Secondary Schools. The Board of Regents of the University of the State of New York placed Union College on its accredited list in 1937.

LOCATION

Union College is located in Barbourville, the county seat of Knox County, Kentucky, near the southeastern corner of the state. It is within thirty-five miles of the cornerstone of three states—Kentucky, Virginia, Tennessee. Barbourville is a town of about 3,000 population, located in a broad valley at the confluence of Richland Creek and the Cumberland River. It is surrounded by low hills of the Cumberland Mountain range. The town has such modern conveniences as natural gas, water works, electric lights, and paved streets. There are Baptist, Disciple, and Methodist Churches, and two accredited high schools, county and city. Barbourville is located on U. S. Highway 25E. Busses that make connections with points north and south pass through the town regularly. It is also on the Cumberland Valley Division of the Louisville and Nashville Railroad.

AIM AND PURPOSE

The constitution of Union College provides that it shall "devote its effort to the interest of Christian education and to qualifying and equipping men and women to engage creditably in the various employments, callings, and avocations of peaceful and progressive society and to discharge honorably and usefully the various duties of life." The college is Christian without being sectarian and operates under the auspices of the Kentucky and Louisville Annual Conferences of the Methodist Church. Union College endeavors to maintain a Christian atmosphere by securing for its faculty those persons who can accept, heartily and without reserve, the ideals for which the college stands. In its chapel exercises and special religious meetings it emphasizes the importance of accepting Christ as a Personal Redeemer, Constant Guide, and Inspiring Ideal.

BUILDINGS

ADMINISTRATION BUILDING.—This building was erected in 1907 on the site of the one that was burned in 1906. It is a three-story structure of brick trimmed with Tennessee marble; it contains the various classrooms and laboratories, the chapel, and administrative offices. The ground floor also houses the kitchen and dining room.

SPEED ARTS BUILDING.—This building, which was formerly the Speed Hall Dormitory for women, houses the Fine Arts and the Practical Arts divisions. Music and Art have their studios and the Home Economics division has its laboratories and classrooms in this building.

STEVENSON HALL.—The dormitory for men is a two-story brick building of colonial design. The rooms accommodate two students each. Some of the rooms have running water.

MEMORIAL GYMNASIUM.—This building was erected in 1919 as a Memorial to the Soldiers and Sailors of World War I. It contains a regulation basketball court, showers, lockers, and dressing rooms.

LIBRARY BUILDING.—Union's new library, which houses approximately 16,000 books, and receives regularly 290 periodicals, was opened for use January 13, 1941. A large reading room with space for 150 readers houses the reference books, current magazines, and bound periodicals. Books reserved for special class use are shelved in a smaller reading room on the second floor. In this room are also the books of fiction and the books given the International Relations Club by the Carnegie Corporation for International Peace. Well-equipped workrooms and tastefully furnished lounge rooms add to the efficiency and beauty of the building. The library was adequately furnished throughout by Mrs. Abbie E. Stewart, of Des Moines, Iowa, in memory of her husband, George B. Stewart.

BALDWIN PLACE.—This part of the campus was made possible by the gifts of Mr. and Mrs. F. E. Baldwin, Elmira, New York. The President's home is located on this site.

MAINTENANCE BUILDING.—This building was erected in 1937. It is a two-story brick building that contains the central heating plant and college shops. The woodworking shop was equipped by a gift made from the estate of the late Robert Norton, of New Albany, Ind.

CAMPUS COTTAGE.—This, the oldest building on the campus, a frame cottage of six rooms, was erected and occupied by Dr. Stevenson during his Presidency. It is now the residence of the college engineer.

CAMPUS

Union College is proud of its beautiful campus. The buildings, connected by concrete walks, are attractively placed among different varieties of native trees. The athletic field, lying immediately back of the gymnasium, contains about four acres and affords ample room for outdoor games. There are also four hard clay tennis courts and a baseball diamond.

PFEIFFER HALL

In January, 1943, the new women's resident hall, Pfeiffer Hall, was completed and occupied. This modern, fireproof resident hall has capacity for 88 girls. This is a most delightful residence in all its appointments. In addition to bedrooms on first floor, there is the large general parlor, the faculty and senior parlor, the kitchen and serving room, two guest rooms, four-bed hospital, and ironing room. On the second floor are the commodious lounge and play rooms. Student bedrooms are thoroughly furnished with new furniture, beautiful and comfortable. Four large general bath and lavatory rooms provide ample facilities without any crowding. Union takes pride in offering to women resident students living facilities second to none in the nation.

LABORATORIES

The Departments of Biology, Physical Science, and the divisions of Home Economics and Commerce are adequately equipped for handling all the elementary and advanced undergraduate courses which are offered.

PUBLICATIONS

Union College Bulletin.—An official quarterly bulletin, the April issue of which is the catalog number. This bulletin is sent free on request.

Orange and Black.—This periodical is a monthly newspaper published by the students.

ATHLETICS

Union College is a member of the Southern Intercollegiate Athletic Association. The college promotes athletics for physical development and as a vital part of the program of extracurricular activities. In intercollegiate competition the college is represented by varsity teams in basketball and tennis. In this war time, maintenance of varsity teams will depend on enrollment of men.

The program for intercollegiate sports emphasizes the protection of the best interests of the student athlete.

Union teams are noted for "clean" sport and winning record—hard to defeat. Sport for fun and character building are fundamental. The Union College basketball team was runner-up in the K. I. A. C. basketball tournament in 1941 and in 1942.

Under the Division of Physical Education, schedules of intramural sports are conducted, including volleyball, playground ball, tennis, horseshoes, handball, and basketball. It is the aim of the college to provide some form of athletic activity for each student.

HEALTH

Through the Division of Physical Education, Union College attempts to give aid to all students in matters concerning their health. At the beginning of each year thorough physical examinations are given under the direction of physicians. This examination is compulsory. Individual conferences are held with all students whose examinations reveal any physical defects, and advice is given. The results of this examination are also used in determining what part students can take in the athletic and physical education programs.

Union College maintains free infirmary service for brief illnesses of two or three days. Since the College does not have the facilities for taking care of protracted illness of longer duration than a week, arrangements for further medical care must be made by the student or his parents.

When a physician is needed the patient may request the College Nurse to call a physician, whose fee is to be paid by the student, but such bills may be handled at the college business office by special emergency arrangements.

GENERAL REGULATIONS

STUDENT CONDUCT.—Each student is expected to conduct himself at all times according to the rules of good society. Restrictions and regulations have been reduced to a minimum, and these are intended to foster standards and ideals that emphasize the development of Christian character. Only young people who can work in harmony with the aim and purpose of Union College should apply for admission. In fact, students who are careless in conduct or wasteful of time and opportunity may be dismissed from the college.

SOCIAL LIFE.—The students are encouraged to accept every legitimate opportunity to engage in social affairs. The faculty appreciates the benefit and value growing out of well-directed social activity. Student organizations, the faculty, and local churches make desirable contributions for the promotion of social life. All social functions, hikes, and picnics are chaperoned and subject to

the rules and regulations of the college. Chaperones must be approved by the Dean of Women.

Residents of Pfeiffer Hall are allowed to receive visitors in the parlor by the permission of the Dean of Women, who may require the written consent of the parents whenever she may deem it necessary. Times for social privileges and events are designated.

Residence.—A student who does not live with his immediate family will be required to room in a college dormitory unless special permission is given by the administration. Request for such special permission should be made to the President.

Tobacco.—Since the use of tobacco is against the ideals of Union College, students are forbidden to use tobacco on the campus or in the dormitories except as provided in Stevenson Hall.

Intoxicating Liquor.—No intoxicating liquor shall be used by a student while he is enrolled in Union College. Any student violating this regulation will be required to withdraw from College.

Firearms.—Firearms of any kind are forbidden in the dormitories and on the campus.

Chapel Attendance.—All students are required to attend the regular chapel exercises of the college.

Church Services.—Each student is expected to attend the church school and services of the church of his choice.

STUDENT ORGANIZATIONS

The Union College Christian Association.—A union of the Y.W.C.A. and the Y.M.C.A. which has for its objectives the following:

To enable its members to live a richer life through a growing knowledge of God and a deeper understanding of Jesus Christ, His Son.

To sponsor good-will projects throughout the year.

To co-operate with other campus organizations in order to promote fellowship and social activities.

The U.C.C.A. sponsors the college vesper service each Thursday evening.

All students in the college are eligible for membership in the U.C.C.A.

Playlikers Club.—This club presents the college dramatic productions. It is devoted also to the study of drama. Membership is open to all students who are interested in dramatics.

Alpha Psi Omega.—Union College maintains a chapter of Al-

pha Psi Omega, national honorary dramatic fraternity. Students who excel in dramatics are chosen for membership.

COLLEGE CHORUS.—This organization is composed of those who enjoy singing. Throughout the year the group makes a number of public appearances before college and community audiences.

OXFORD CLUB.—This is an organization of the young men who are anticipating the ministry as their life work.

BETA CHI ALPHA.—This is a sorority which stresses social and cultural development.

ZETA SIGMA PI.—The Union College chapter of this national organization is an honorary Social Science fraternity and its membership is open to majors and minors of this department who show special ability.

STUDENT FELLOWSHIP GROUP.—This group is open to all Union College students for round-table discussions of topics which are of vital interest to young people. It is sponsored by the Bible Department.

SECRETARIAL SCIENCE CLUB.—This club is open to all students who are enrolled in one or more courses in the Division of Secretarial Science.

FUTURE TEACHERS OF AMERICA.—The John Owen Gross Chapter. The Future Teachers of America is a national organization sponsored by the National Education Association. The local chapter is sponsored by the Department of Education.

SCIENCE CLUB.—A club organized by those who are interested in modern science.

HOME ECONOMICS CLUB.—A club sponsored by the Division of Home Economics.

ART CLUB.—Art service to the college and community is the aim of this club. Presenting of exhibits and assisting in stage decorating are major activities. Interest in applied art is the only requisite for membership.

COLLEGE EXPENSES

The academic year of nine months is divided into three quarters. The rates quoted below are for one quarter. The cost for regular session of nine months can be found by multiplying a quarter's expenses by three.

Registration Fee	$ 20.00
Tuition	35.00
Room and Board*	75.00
	$130.00
Non-Boarding Student	$ 55.00

Students enrolling for less than ten quarter hours will not be required to pay a registration fee unless enrolled in Secretarial Science but will pay tuition rate of $4 per quarter hour.

The cost of individual meals for transients is as follows: Breakfast 30 cents; luncheon or dinner 35 cents.

Expenses for the summer quarter are quoted in the Summer Session Bulletin.

TERMS OF PAYMENT

The business office requires that payment of one full quarter be made in advance and at the time of registration. The privilege to pay by installments can be granted only by special application to the business manager and such arrangement should be made by those desiring to pay by installments prior to the day of registration. A carrying charge of $2 per quarter for non-boarding students and $4 per quarter for boarding students will be added to the bills of those who pay by the installment plan.

Final examinations will be withheld from students who have any bills unpaid for that quarter at the beginning of the quarter examinations. This rule will be strictly adhered to, and both the student and family should understand it before registration.

If a student withdraws during a quarter and requests refund for advance payments, the following rule will determine the amounts refunded:

1. Room and board and tuition will be refunded in full amount unused to date of withdrawal. Full week is charged for fraction of week.

2. No fees are returnable.

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*Vacation periods are not included in this quotation. Also, the college reserves the right to increase the rate for table board without notice if war conditions greatly increase the cost of foods. Only extreme conditions will make this necessary.

SPECIAL FINANCE REGULATIONS

The following special fees are charged to persons who incur them:

A second transcript of credits (one week's notice required)	$ 1.00
One day late registration fee	1.00
**Two days late registration fee	2.00
**Three or more days late registration fee	3.00
Change in schedule fee	1.00
Special examination fee	1.00
Supervised Student Teaching fee for each course	8.00
Tuition for students taking less than ten quarter hours (per quarter hour)	4.00
Dormitory caution deposit per quarter (returnable if nothing is broken or lost)	3.00
Chemistry caution deposit per quarter (returnable if nothing is broken or lost)	1.00
Office machines and typewriter fee (per quarter)	2.00
Laundry fee at Pfeiffer Hall per quarter	1.00
Graduation fee (for academic degrees)	10.00
Graduation fee (for Secretarial Science Diplomas)	5.00
Graduation in absentia fee	10.00
Home Economics fee per quarter	3.00

Special tuition in piano, voice, violin, or other orchestral instruments:

Two half-hour lessons per week for one quarter	20.00
One half-hour lesson per week for one quarter	12.00
Two quarter-hour lessons per week, for children, one quarter	7.00
Use of practice piano per quarter	3.00

STUDENT AID

1. WORKSHIPS

The college seeks to employ as many students as possible for service jobs on the campus. Such jobs consist of stenographic work in college offices, science laboratory assistance, service in the dining room and kitchen, in the library, the repair shop, printing shop, and on the campus. Each job is organized on the basis of so many hours per week of service, and the remuneration is 25 cents per hour uniformly for all jobs of student service. Each job is under

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**Teachers whose schools are not out at time of registration will not be charged late registration fees.

the supervision of a faculty member or employee who supervises the student work and makes monthly time report to the business office where credit on the hour basis is entered on the student's account. For unsatisfactory work or attitudes the Director of Student Labor will withdraw the assigned job without notice and require a cash payment as a substitute the remainder of the quarter. Also a student worker must maintain a "C" average in his academic record in order to be continued on a service job.

Applications for service jobs may be received any time and a tentative assignment for service jobs may be made before registration date. But in most instances specific job assignments are usually made the week of registration for all who have previously been assigned student work in a general way without specific job assignment. A workship deposit of $2 is required for the reservation of work aid (as is the requirement for aid of any character) which will not be returned should the applicant not enroll in the college; but on registration will be applied on the student's regular expense account.

There are three sizes of workships: a $125 job requiring about fifteen hours of service per week the college year; a $100 job requiring about twelve hours of service per week the college year, and a $75 job requiring about nine hours of service per week the college year.

2. HONOR SCHOLARSHIPS

A fund of $2,000 for HIGH SCHOOL VALEDICTORIANS is set aside to be awarded in either $100 or $50 scholarships. Scholarships of $100 value will be awarded valedictorians who come from Class A high schools. Scholarships of $50 value will be awarded valedictorians who come from high schools not on the Class A list.

THE EMMA C. HAMMEL MEMORIAL SCHOLARSHIP.—Mr. Mervin J. Hammel of Indianapolis, Ind., in memory of his devoted wife, who died January 7, 1942, provides this memorial scholarship. The award is made to a girl and provides for all expenses of room, board, tuition, and regular fees for a four-year period. The recipient must evidence high scholarship, strong character, and the purpose to complete a college education at Union College without any delay. Nell Garrett is the present recipient.

3. GRANTS

MINISTERIAL AND FULL-TIME COLLEGE EMPLOYEE GRANTS.—By action of the Board of Trustees of the College, student ministers who are licensed to preach, the children of ministers in good standing, who are employed full time in the service of the church and

are dependent on the income of such services, and the children of full-time college employees may receive a grant covering half tuition, provided other form of aid is not being received. For a full-time student this will mean a grant of $17.50 per quarter. However, this grant is not applied in an automatic manner. The applicant must have a satisfactory academic and conduct record in the past and will come under the general rule of the "C" average requirement for the continuance of aid after it is granted.

THE REV. JOSHUA S. TAYLOR AND MRS. ELIZABETH TAYLOR, of Middlesburg, Kentucky, left to Union College the sum of $3,100, the income of which is to be used to help some needy young man studying for the ministry in the Methodist Church of Kentucky.

The late JOHN A. BLACK, one of the founders of Union College, left $5,000 to the college, the income to be used for grants for young people who are preparing for some form of Christian work.

4. LOANS

THE BOARD OF EDUCATION of The Methodist Church appropriates a small amount each year from the Methodist Student Day offering to lend to worthy students who are members of The Methodist Church.

THE ELIZABETH GATES MEMORIAL LOAN FUND was established in 1930 by Mrs. Waldo Brown, of Knoxville, Tennessee, in memory of the mother of John B. Gates, a former student at Union College.

Dr. Guy G. Williams, of Cleveland, Ohio, in memory of his wife, ANNA G. WILLIAMS, established a memorial loan fund in 1934. Students who have spent two years in Union College and whose scholarship is "C" average or above, and whose character indicates dependability in returning the loan, are eligible to make loans from this fund. The amount of funds available varies year by year according to the contributions of the donor.

KING LOAN FUND.—Reverend and Mrs. Erwin King have provided a revolving loan fund of $3,500 to aid worthy ministerial students in their junior and senior years. To qualify for this loan students must possess high qualities of character and scholarship. About $700 of this fund will be available each year.

All scholarships, grants, workships or loans are awarded through application made to the President of the College. Such applications for aid should be received at the President's office well before the registration dates and require an advance deposit of $2 as an aid reservation fee which, if the applicant does not enroll will not be returned, but on registration will be credited to the student's expense account. The Board of Education loan is the single exception to reservation deposit.

STANDARDS FOR STUDENTS RECEIVING FINANCIAL AID

Only students whose scholarship training and ability indicate leadership and promise for future usefulness and who have an actual need may be given financial assistance in the form of scholarships, workships, or loans. Students who have been granted financial aid must maintain an average scholastic standing of at least "C" (standing of 1.00) in order to remain eligible for financial aid. This average scholastic standing is based on all college hours for which a student has registered since he entered Union College.*

If at the end of any quarter a student does not meet the above conditions he will not be eligible to receive financial assistance.

A student who fails to meet this requirement may become eligible when he has raised his standing to a "C" (standing of 1.00).

Quarter hours and quality points made during summer sessions will not be counted in determining the eligibility for continuance of financial aid until a student has completed sixty-six quarter hours in residence at Union College.

Students receiving financial assistance of any kind from the college may at any time be deprived of that aid if they are negligent in the performance of their duties or if they are careless in their conduct.

BOARDING STUDENTS' OUTFITS

Boarding students should bring the following articles: Pillow slips, sheets, pair of blankets, quilt, counterpane, towels, face cloths, and covers for dressers. Beds are single.

ADMISSION

All applicants for admission to Union College must present satisfactory evidence of their previous academic training and of good character. Blanks for application for admission and for transfer of high school units may be secured by writing to the Dean of Union College. It is not possible to classify students accurately or to arrange a satisfactory and well-articulated program unless certified entrance units and official transcripts of previous college work are on file at the college before registration. Transcripts brought by students are not considered as official. Applicants who

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*This rule, however, does not apply to freshmen during their first quarter. During the first quarter of the freshman year, a student must make an average of .75 to be eligible for continuance of aid the second quarter. To be eligible for aid the first quarter of the sophomore year a student must make a standing of 1.0 for the third quarter of the freshman year or have a quality point standing of 1.0. At the end of the first quarter of the sophomore year, continuance of aid requires a standing of 1.0 on all college hours for which he has registered at Union. See page 33 for definition of Quality Point Standing.

are accepted will be classified, depending upon previous training, as freshmen, as students with advanced standing, or as special students.

ADMISSION TO FRESHMAN CLASS.—An applicant for admission to the freshman class must submit fifteen units of standard high school work. Three of the fifteen units must be in English. Seven additional units must be in the recognized academic subjects. The remainder may be in vocational subjects.

Applicants who have earned at least fifteen units of high school work which are satisfactory for entrance may be admitted by one of the following plans:

1. *Admission by certificate.*—Graduates of high schools in Kentucky that are accredited by the Association of Colleges and Universities of Kentucky, and graduates of high schools of other states that are accredited by some recognized agency, are admitted to the freshman class without examinations.

2. *Admission by examinations.*—Applicants who are graduates of non-accredited high schools, and applicants who submit a minimum of fifteen credits from accredited high schools but who are not graduates, are required to pass entrance examinations.

ADMISSION TO ADVANCED STANDING.—Applicants who desire admission with advanced standing must present credits from an accredited junior college or from a standard college or university. The transcript of credit must show that the applicant has been honorably dismissed and that entrance requirements of Union College have been met. The credit to be allowed and the classification given will be determined by the Dean in conference with the heads of the departments concerned. All credit allowed is tentative until the candidate has proved himself capable of pursuing the advanced courses entered.

ADMISSION AS A SPECIAL STUDENT.—It is very desirable that all students continue their studies to graduation. Even when a student does not expect to graduate, it will usually be wise to pursue one of the regular courses while in College. Irregular selection of studies will not be permitted without good reason. However, applicants who are persons of mature years, who give evidence of well-defined purpose, and who desire to pursue some special line, or lines, of work, without becoming candidates for a degree, may be admitted as Special Students. Such students are subject to the same regulations as other students with regard to the quality of work done and attendance upon College exercises.

FRESHMAN INSTRUCTION AND REGISTRATION

All members of the freshman class must be present at 9 a. m., Monday, Sept. 25, 1944. A program of vital interest to all beginning students will be held on September 25. At this time problems peculiar to beginning students will be considered. Some of the topics discussed will be "How to Study," "How to Budget Your Time," "The Transition From High School to College," and "What to Expect From a Program of Christian Education." The faculty of the College will be present to aid students in registering and offer advice in choosing courses.

CLASS AND CHAPEL ATTENDANCE

The following regulations govern class and chapel attendance:

1. Regular attendance in all classes and chapel required.
2. Students will be held responsible by the instructor for all work missed because of absence. Final class marks will not be given unless the work missed is made up satisfactorily.
3. Absence from classes preceding or following holidays or regular vacations shall receive double penalty. This rule applies to first and second consecutive absences preceding or following holidays or vacations.
4. Three unexcused tardy attendances shall be considered equivalent to one absence and shall be reported as such. Excuses for tardy attendance may be granted only by the instructor.
5. A student will be allowed as many absences from each class as the number of times each class meets per week during a regular quarter. A student will also be allowed four absences from chapel. These allowances are made to take care of all emergency absences from such causes as minor illness, death in the family, difficulty in transportation, etc.
6. A student shall be penalized by the reduction of his quality point standing by one quality point for each absence in excess of the allowed number. This penalty is applied at the end of each quarter and is employed in determining the eligibility for Supervised Student Teaching, continuance of financial aid, etc.
7. Absences incurred by students while representing the College or while on class observation trips shall be excused on recommendation of a faculty member.
8. No other absences shall be excused except those due to late registration or long serious illness. Such absences may be

excused only by faculty action. Written request for this faculty action must be made to the Dean not more than one week after the absences are incurred.

9. Students who are absent from a test must take a special examination or receive a grade of zero in that test. A fee of one dollar is charged for each special test unless the absence is due to representing the College.

EXAMINATIONS AND REPORT OF MARKS

Examinations are held at the close of each quarter. Tests are held at various times during each quarter as the instructors may determine. Final marks are reported by the instructors to the Registrar. A copy of this report is given to the student. Parents or guardians may secure these reports by writing to the Dean. Only the final marks become a part of the permanent record. Test and examination marks together with the daily marks constitute the final mark.

THE MARKING SYSTEM AND QUALITY POINTS

Marks are reported in letters as follows:

A.—Represents distinctly superior work, valued at three quality points for each quarter hour.

B.—Represents superior work, valued at two quality points for each quarter hour.

C.—Represents average work, valued at one quality point for each quarter hour.

D.—Represents unsatisfactory but passing work, valued at 0 quality points.

E.—A condition incurred at the end of any quarter must be made up during the next quarter that the student is enrolled or within one year if he does not enroll within that year. If the student enrolls in a course which requires the passing of the conditioned course as a pre-requisite, the condition must be removed within two weeks of the beginning of the quarter.

F.—Indicates failure with 0 credits and 0 quality points. This mark cannot be removed or changed except by repeating the course. The hours of "F" will be counted in figuring quality point average.

I.—Indicates that some required work of the course has not been completed. The same regulations for removal of a mark of "E" apply for the removal of a mark "I," except as follows,—

A student who does not take final examinations at the end

of a quarter will be given temporary registration in the next quarter for a period of two weeks. If all arrangements for taking final examinations are made within the two weeks, the temporary registration will be removed. If arrangements for the final examinations are not made, the student's registration will be cancelled at the end of the two weeks. All final examinations for courses which are pre-requisite to courses for which the student may be enrolled the next quarter, must be taken by the end of the two weeks. Failure in any of these prerequisite courses will cancel the student's enrollment in an advanced course. All final examinations must be completed within eleven weeks after a student's registration for the next quarter in which he enrolls or within 1 year if he does not enroll within that time.

A student who does not take final examinations at the end of the third quarter or either summer term must arrange for and take the examinations which he has missed before the first day of the first quarter of the school year following.

W.—A mark of "W" is given for any course dropped during the first three weeks of any quarter. If a student withdraws from a course after the third week, a mark of "W" is given if he has a passing mark at the time of withdrawal. If a student withdraws from a course after the third week, a mark of "WF" is given if he does not have a passing mark at the time of withdrawal. The mark of "WF" carries the same penalties as the mark of "F" described above. A student cannot at any time after registration withdraw from a course except by permission from the Dean, and after the first week of the semester, permission must also be secured from the instructor of the class.

QUALITY POINT STANDING

The quality point standing of a student is determined by dividing the total quality points which he has earned by the total number of quarter hours for which he has registered.

SCHOLASTIC REGULATIONS

If at the completion of the first forty-five registered quarter hours a student does not have a standing of .34, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

If at the completion of ninety registered quarter hours a student does not have a standing of .67, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

CLASSIFICATION

For Sophomore and Junior classification at the beginning of the school year, a student must register for sufficient work to have a total of 84 and 135 quarter hours credit respectively at the end of the school year. For Senior classification a student must register for sufficient work to have a total of 190 quarter hours at the end of the school year or summer session.

STUDENT LOAD

The average amount of work regularly required of each student is sixteen quarter hours, including physical education. No student may register for more than eighteen quarter hours.

GENERAL REGULATIONS GOVERNING EXTENSION

Not more than 18 quarter hours of extension work done in one academic year will be accepted by the College except by special permission from the Dean. Not more than one half the courses in a major may be done by extension. As the last 45 quarter hours of the College course must be done in residence in this institution by all students who are candidates for a degree, permission from the Dean must be had to carry extension courses during the senior year.

No more than 45 quarter hours of extension work will be accepted toward a degree from Union College.

No credit will be given for any extension work taken while the student is enrolled in Union College or in any other institution unless permission is obtained from the Dean. In no case will more than 75 quarter hours earned during one calendar year be accepted. Permission for this maximum must be granted by action of the Faculty.

Failures or quality point deficiencies in any course made in residence cannot be removed by extension work.

Students who enroll for extension work and later enter for full-time resident courses shall discontinue their extension work until the period of residence is ended.

Nine quarter hours during a quarter are considered a full load for persons who are teaching.

REQUIREMENTS FOR GRADUATION

Union College grants the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education. Candidates for all degrees must satisfy the following general requirements:

1. Minimum of 190 quarter hours, the last 45 of which must be earned in residence at Union College.*

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*Students who have earned as many as seventy-five quarter hours at Union College may graduate with only the last thirty hours earned in residence. For any number of hours less than thirty special permission must be obtained.

2. Quality point standing of 1.00.
3. *Bible and Philosophy.*—Three courses approved by the Dean and Head of the Department, one course of which must be taken during the freshman or sophomore year.
4. *Biology or Physical Science.*—Eighteen quarter hours, twelve of which must be in the same laboratory science.
5. *Education.*—General Psychology: Four quarter hours.
6. *English.*—Composition: Nine quarter hours. English Literature: ten quarter hours.
7. *History.*—Eight quarter hours.
8. *Physical Education.*—Required of all students.
9. *Sociology.*—Two courses, one of which must be either Soc. 33, or Soc. 36.

Advice in arranging schedules and choosing courses is always given gladly. However, each student personally is responsible for completing all requirements for degrees as listed under each degree.

Seniors who intend to receive their degrees at the end of the third quarter must apply for their degrees on or before April 15. Seniors who intend to receive their degrees at the end of the summer session must apply for their degrees at registration.

THE DEGREE OF BACHELOR OF ARTS

In addition to the general requirements a candidate for the degree of Bachelor of Arts shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Bible and Philosophy, English, Spanish, History, Sociology, Biology, Chemistry, Mathematics or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from the fields of concentration listed above or Music may be chosen.

3. Foreign Language.

(a) Eighteen quarter hours in the same foreign language for those who present for entrance one unit or less in the same foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE

In addition to the general requirements a candidate for the degree of Bachelor of Science shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Biology, Chemistry, Physical Science, Mathematics, or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from Biology, Chemistry, Mathematics, or Home Economics. The other minor may be chosen from this list or from Bible and Philosophy, English, History, Music or Sociology.

3. Foreign language.

(a) Eighteen quarter hours in the same foreign language for those who present for entrance one unit or less in a foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

A student who completes the general requirements and the requirements for the Provisional High School Certificate as issued by the Kentucky State Department of Education, but who does not choose to complete the language requirements for an A.B. or B.S. degree, will be granted the degree of Bachelor of Science in Education.

A student who completes the general requirements and the requirements for the Standard Elementary Certificate as issued by the Kentucky State Department of Education and in addition completes two minors will be granted the degree of Bachelor of Science

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*The requirements for majors and minors are listed under the respective departments of instruction.

In Education.* One minor shall be English or Social Sciences. The other minor shall be Biology, Chemistry, English, or Social Sciences. All majors and minors shall be declared by the student at the beginning of his junior year.

DEGREES WITH DISTINCTION

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the Commencement program. There are three grades of honors designated respectively: *cum laude, magna cum laude and summa cum laude.* These honors are conferred at graduation upon students who satisfy the following conditions of scholarship:

The honor of *cum laude* is awarded to those students who have earned an average standing of 2 (or B) in all their college work.

The honor of *magna cum laude* is awarded to those students who have earned an average standing of 2.5 in all their college work.

The honor of *summa cum laude* is awarded to those students who have earned an average standing of 2.8 in all their college work.

Students coming from other colleges may receive general honors on completing two years of resident study and satisfying the conditions of scholarship prescribed by the Faculty, provided they furnish also such evidence of high scholarship in the institution from which they come as may, in the judgment of the Faculty, entitle them to become candidates for honors under the regulations.

As a reward for excellence in scholarship and to promote diligence in study and encourage high ideals, the honorary scholastic fraternity of Iota Sigma Nu was founded on May 26, 1936. Membership is open upon election to:

(a) All who have met the requirement for graduation with honors.

(b) All students who, at the end of the second quarter of their junior year, have a quality point standing which if maintained will graduate them with the honor of *magna cum laude* and who have completed a minimum of two years in residence at Union College.

PRIZES

Five scholarship prizes are awarded annually. Iota Signa Nu awards medals to the freshman and sophomore who make the highest scholastic averages in their respective classes for the year. The families of the late Governor James D. Black and H. E. Bullock give

*The requirements for majors and minors are listed under the respective departments of instruction.

cash prizes annually to seniors and juniors, respectively, making highest scholastic standing. The faculty awards a medal to the varsity letter man making the highest scholastic average for the year.

Cash prizes are awarded each year to winners of the annual public-speaking contest. A gold medal also is awarded by Senator J. M. Robsion, of Barbourville, Ky., to the winner of the annual declamation contest.

The John W. and Sarah Hughes History Award is given each year to the student showing the greatest excellence in the field of history. The money for this award (ten dollars in cash) is furnished by Mr. and Mrs. John W. Hughes, Barbourville, Ky.

The Burke Mathematics Award is given each year to the student showing the greatest excellence in the field of mathematics. The money for the award (ten dollars in cash) is furnished by Dr. A. R. Burke.

PLACEMENT SERVICE

The College maintains a placement service for its graduates who are seeking positions, and school boards and superintendents who are seeking teachers. Superintendents and boards of education are invited to visit the College, to make use of this service in looking for teachers, and to meet applicants in whom they are interested.

UNION COLLEGE AND THE WAR EMERGENCY

Union College recognizes its responsibility in aiding the nation to achieve total victory. It realizes that sacrifices must be made and that great efforts must be put forth in the training of our young men and young women—first, to aid their country to the best of their ability in time of war and second, but of no less importance, to aid their country in the peace that is to come.

To accomplish practical results in aiding the victory efforts of the nation, the following program has been adopted by the College:

1. To accelerate our program to enable students to attend college eleven months of the year and thus to complete all requirements for a degree in three years.

2. To offer courses in mathematics and science in the summer schools to enable students, either graduates or undergraduates, to satisfy the requirements for entrance to Officer's Training School of our Army and Navy.

3. To grant proportionate credit for time attended to students who might be forced to withdraw because of induction into the service.

4. To offer courses which will inform the student concerning the fundamentals of democracy and give him a background which will enable him to understand the reasons for our participation in the present world conflict.

5. To inform all students concerning health and its maintenance and to require physical activities of all students in order to promote and maintain health and physical vigor.

SUGGESTED CURRICULA

Students should plan carefully their college work, keeping in mind the general requirements for degrees and their vocational or professional interest. The College officials are glad to aid students in planning curricula to meet specific needs. The following curricula are suggested:

GENERAL COLLEGE CURRICULUM LEADING TO A.B. OR B.S. DEGREE.—Students who have not made a vocational or professional choice and students who expect to enter a professional school which requires a general college education are urged to take this General College Curriculum leading to the A.B. or B.S. degree. By careful selection of major and minor fields and of elective courses this curriculum can be adjusted to the student's individual needs.

FRESHMAN YEAR

First Quarter

Bible .....5 hrs.
English Composition .....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
Spanish .....4 hrs.
French .....4 hrs.
Mathematics....5 hrs.
Physical Education .....1 hr.

Second Quarter

General Psychology .....4 hrs.
English Composition .....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
Spanish .....4 hrs.
French .....4 hrs.
Mathematics....4 hrs.
Physical Education .....1 hr.

Third Quarter

English Composition .....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
French .....4 hrs.
Spanish .....4 hrs.
Mathematics....5 hrs.
General Elective.....4 or 5 hrs.
Physical Education .....1 hr.

SOPHOMORE YEAR

First Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Elective:
Spanish .....4 hrs.
French .....4 hrs.
Bible .....3 or 5 hrs.
Mathematics....5 hrs.
Physical Education .....1 hr.

Second Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Spanish .....4 hrs.
French .....4 hrs.
Bible .....3 or 5 hrs.
Mathematics....5 hrs.
Physical Education .....1 hr.

Third Quarter

History .....4 hrs.
Science:
Chemistry .....5 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Elective:
Spanish .....4 hrs.
French .....4 hrs.
Bible .....3 or 5 hrs.
Mathematics....5 hrs.
General Elective, 3, 4, or 5 hrs.
Physical Education .....1 hr.

PRE-PROFESSIONAL CURRICULA.—Union College strongly recommends to all students who plan to enter a professional school the General College Curriculum of four years.

Students who plan to take a three-year pre-medical course will find that the following program meets the requirements of most medical schools:

FRESHMAN YEAR

English Composition	9 hrs.
Elementary French or Spanish	9 hrs.
Inorganic Chemistry	12 hrs.
Trigonometry	5 hrs.
College Algebra	5 hrs.
General Psychology	4 hrs.
Bible	5 hrs.
	49 hrs.

SOPHOMORE YEAR

General Biology	12 hrs.
Chemistry (Qualitative Analysis)	4 hrs.
Chemistry (Quantitative Analysis)	8 hrs.
General Physics	12 hrs.
History	8 hrs.
Electives	4 hrs.
	48 hrs.

The Queen and Court at Winter Carnival

Be Better Equipped for Your Job By Taking Business Training at a Liberal Arts College

Junior Year

Organic Chemistry	12 hrs.
Embryology	5 hrs.
Comparative Anatomy	5 hrs.
Sociology	8 hrs.
Economics	4 hrs.
Electives	14 hrs.
	48 hrs.

Students planning to take the Bachelor's degree before entering medical school should consult the Dean before registering.

Other specific curricula are not suggested since the requirements of professional schools vary. However, provision will be made for students who wish to pursue the following curricula:

1. Pre-dental.
2. Pre-legal.
3. Pre-engineering.
4. Pre-technician.

In planning such programs, consideration will be given to the professional school which the student expects to enter.

Pre-ministerial Training

In view of the increasing demand that candidates for the ministry have advanced professional training, it is strongly recommended that all pre-ministerial students plan to enter a theological school upon completion of the liberal arts course.

In planning his curriculum, the student is urged to take advantage of the opportunity for broad cultural training provided at Union College in the Sciences, Literature, and Social Studies. At the same time, at least a minor in the department of Bible and Philosophy is suggested as a basic foundation for later specialization. Personal counsel with the head of this department is open to every ministerial student in the building of his curriculum.

For those who cannot take further work and for whom Union College must furnish the major part of their training, intensive work in the department of Bible and Philosophy is advised, including, if possible, all of the courses offered.

The Oxford Club for ministerial students as an extracurricular activity is a valuable adjunct in their training at Union College. Here, sermons and the art of ministering are studied, and active participation in Gospel team work is provided.

CURRICULUM FOR ONE-YEAR COURSE IN SECRETARIAL SCIENCE

First Quarter

English Composition	3 hrs.
Shorthand	4 hrs.
Typewriting	3 hrs.
Accounting	3 hrs.
Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Second Quarter

English Composition	3 hrs.
Shorthand	4 hrs.
Typewriting	3 hrs.
Accounting	3 hrs.
Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Third Quarter

English Composition	3 hrs.
Dictation and Transcription	4 hrs.
Accounting	3 hrs.
Secretarial Practice	3 hrs.
Physical Education	1 hr.
Elective	3 hrs.
	17 hrs.

CURRICULUM IN HOME ECONOMICS

Each student is given individual counseling by the Head of the Division of Home Economics concerning the proper courses to elect. Courses will be chosen according to the student's needs.

The following courses of study are offered for those who wish to work toward a degree in Home Economics or for those who wish to major or minor in Home Economics:

COURSES IN HOME ECONOMICS

Course	*Quarter Hours Credit*
Textiles	4
Costume Design	3
Foods	9
Clothing	9
Housing	2
Home Furnishing	4
Family Health and Home Nursing	3
Nutrition	6

RELATED COURSES

English Composition	9
General Chemistry	12

Fundamentals of Art	3
English Literature	10
Organic Chemistry	12
General Physics	12
General Biology	12
Bacteriology	5
Consumer Economics	4
The Family	4
General Psychology	4
Physiology	5
Child Psychology	4
Rural Sociology	4
Principles of Sociology	4

CURRICULA FOR PROSPECTIVE TEACHERS

Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. The following are offered:

1. Two-year curricula for training Elementary Teachers.
2. Four-year curricula for training Elementary Teachers.
3. Four-year curricula for training High School Teachers.
4. Four-year curricula for training Administrators and Supervisors.

For guidance of Union College students the following curricula prescribed by the Kentucky State Department of Education for prospective teachers is given:

A. *General and Special Preparation*	*Requirements for Certificates*	
	Prov. Elem. C't.	*Stan. Elem. C't*
1. English including		
a. Oral and Written	8 quarter hrs.	8 quarter hrs.
b. American or English Lit.	4 " "	4 " "
c. Children's Literature	4 " "	4 " "
d. Elective in English		
2. Science, selected from Biology, Chemistry, General Science, Geology, Physics	8 " "	16 " "
3. Social Science, including		
a. American History and Gov. or History of Civilization	8 " "	8 " "
b. Principles of Sociology or Rural Economy		4 " "
c. Geography—Principles	4 " "	4 " "
Electives in Geography		4 " "

d. Elective in Social Science from History, Government, Economics or Sociology			8	"	"
4. Teachers' Arithmetic	4	"	"	4	"	"
5. Fine Arts					
a. Public School Art	3	"	"	3	"	"
b. Elective in Art				3	"	"
c. Public School Music	3	"	"	3	"	"
d. Elective in Music				3	"	"
6. Health, Physical Education and Safety	6	"	"	6	"	"
B. *Professional Preparation*						
1. General or Educational Psychology	4	quarter	hrs.	4	quarter	hrs.
2. Fundamentals of Elementary Education	6	"	"	6	"	"
3. Supervised Student Teaching	4*	"	"	8	"	"
4. Educational Measurements				3	"	"
5. Child Psychology				4	"	"
6. Teaching Reading	4	"	"	4	"	"
7. Elective in Elementary Education				4	"	"
8. General Electives in Education	4	"	"	8	"	"
	74	"	"	128	"	"
C. General Electives	22	"	"	64	"	"

MINIMUM CURRICULUM FOR THE ISSUANCE OF HIGH SCHOOL CERTIFICATES

The PROVISIONAL HIGH SCHOOL CERTIFICATE, valid for four years, shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education, and files a transcript of standard college credits showing the completion of a curriculum which includes the following course and minimum standards:

A. *Minimum General or Core Requirements*

Each candidate must present 16 quarter hours of English. In addition to this a total of 40 quarter hours must be selected from the following fields:

Fine Arts	Philosophy and Psychology
Foreign Language	Science
Health, Physical Education and Safety	Social Science
Mathematics	Vocational Fields

*In the issuance of the PROVISIONAL HIGH SCHOOL CERTIFICATE, the requirement in Supervised Student Teaching may be waived for the person who has had a minimum of three years' experience in secondary grades and who has met all other requirements for such certificate. This waiver requires the approval of the Head of the Department of Education.

No candidate shall present fewer than three or more than four of these fields, and in no field may he offer fewer than eight quarter hours; and in no instance may the selection of the general education courses include the fields which he chooses as his majors or minors, except that he may major or minor in English. This regulation applies to those who begin their college preparation for teaching after September 1, 1942.

B. *Teaching Fields*
   1. Two majors—36 quarter hours each, or
   2. One major and two minors—36, 24, 24, or
   3. An area of concentration—72 quarter hours.

   Teaching fields must be selected from those in the public school curriculum prescribed by the State Board of Education.

	Quarter Hours
C. *Professional Preparation*	
1. Psychology or Educational Psychology	4
2. Secondary Education	8
*3. Supervised Student Teaching	8
4. Elective in Education	7

D. *Completion of Baccalaureate Degree*

Advice and counsel on the election of courses for the curriculum for training administrators and supervisors may be obtained from the Dean of the College.

DEPARTMENTS OF INSTRUCTION

The following six departments are maintained at Union College:

I. Bible and Philosophy.
II. Biology.
III. Education.
IV. Languages (English, French, and Spanish).
V. Physical Science (Chemistry, Mathematics, and Physics).
VI. Sociology and History.

In addition to these six departments the college maintains the following divisions:

1. Fine Arts.
2. Home Economics.
3. Physical Education.
4. Secretarial Science.

The departments with a detailed description of the courses are listed alphabetically in the following pages. The courses are numbered in such a way as to reveal at a glance the level of the course. Courses numbered 11 to 29, inclusive, are primarily for freshmen; courses 31 to 49 are primarily for sophomores; courses 51 to 89 are primarily for juniors and seniors.

*Three years of experience in the elementary grades may be substituted for this requirement for the issuance of the Provisional Elementary Certificate, provided all other requirements, including an average of "C," are fulfilled.

DEPARTMENT OF BIBLE AND PHILOSOPHY

DAVID WESLEY SOPER

Head of the Department and Professor of Bible and Philosophy

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours in courses approved by the Head of the Department.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours in courses approved by the Head of the Department.

COURSE OFFERINGS. The work in this department has been organized with a view toward introducing the student to the historic Christian Faith, and the full criticism of life which issues therefrom.

BIBLE

BIBLE 10. *Basic Christian Ideas.* This course is a required introduction to the work of the department, presenting the central emphases in classic Christianity which are common to all Christian denominations.

Five quarter hours.

BIBLE 11. *Gospel and Its Historical Background.* This course is a survey of the culmination of the Hebrew hope in the life and work of our Lord, as recorded in the Gospels of Matthew, Mark, and Luke.

Five quarter hours.

BIBLE 12. *The Life and Writings of Paul.* This course presents in detail the drama of the Book of Acts, the content of the Pauline Epistles, and the impact of the Christian Faith upon the Roman and pagan world.

Five quarter hours.

BIBLE 13. *The Life and Influence of Moses.* An attempt is made to penetrate both the chronology and the organization of faith, knowledge, and conduct bequeathed to the ages in the Hebrew Torah.

Three quarter hours.

BIBLE 31. *John's Gospel and the Johannine Writings.* The story of Christ, the interpretation of the Fourth Gospel, and the serene faith of John's Letters and the Revelation are studied with relation to the classic Christian Tradition.

Five quarter hours.

BIBLE 35. *Selected Bible Readings.* This course presents the en-

tire content of the Bible in story form, with special emphasis upon its use by the parent in the home or the teacher in the public school.

Three quarter hours.

BIBLE 51. *The Greater Prophets.* This course represents a consideration of the Prophetic Movement in Israel beginning with the pre-literary prophets and continuing through to the prophets of restoration, emphasizing the representative prophets, Amos, Isaiah, and Jeremiah.

Five quarter hours.

BIBLE 53. *The History and Mission of the Christian Church.* This course presents a careful journey through the nineteen centuries of Christian Faith, with special attention to the story of modern missions.

Five quarter hours.

BIBLE 55. *Comparative Religions.* The great living religions of the world, ancient and modern, are considered in their relation to each other and their fulfillment in ecumenical Christianity.

Five quarter hours.

CHRISTIAN EDUCATION

BIBLE 33. *The Church and Society.* This is a course in the social aspects of the Christian Faith. A practical application of the principle of Christian social responsibility is made to contemporary problems.

Three quarter hours.

BIBLE 34. *Principles of Christian Education.* This course presents a general introduction to the essentials of theory and method in the Christian nurture of home and school and Church.

Five quarter hours.

PHILOSOPHY

BIBLE 72. *Introduction to Philosophy.* This is a survey of human thought about God, man, and the world, with special attention to the personalities from whom the greater philosophies have issued.

Five quarter hours.

BIBLE 74. *Ethics.* In this course an analysis is made of the rela-

tion of moral obligation to democratic society, and of the moral conflict in the nature of man.

Five quarter hours.

BIBLE 75. *Contemporary Philosophies.* An attempt is made to evaluate the popular thought-forms of the present in their vital relation to the idea of a Christian Society. Registration only by permission of the instructor.

Three quarter hours.

II
DEPARTMENT OF BIOLOGY

Harwell P. Sturdivant

Head of the Department and Professor of Biology

Requirements for a Major. Thirty-six quarter hours.

Requirements for a Minor. Twenty-seven quarter hours.

Candidates for the Bachelor of Science in Education degree may complete the following major in science:

Major in Science. Thirty-six quarter hours including 12 quarter hours each in Biology, Chemistry, and Physics.

COURSE OFFERINGS

Biology 11, 12, 13. *General Biology.* An outline of the main facts and principles of animal and plant life, with special reference to the historical interpretations of nature, the laws governing heredity and the modern application of biological facts to the service of man and the betterment of the race. Laboratory exercises illustrative of biological principles will be supplemented by specially prepared demonstrations. Two lecture periods and two two-hour laboratory periods.

Four quarter hours each.

Biology 31. *Field Botany.* A general survey of the local flora, determination of species, and ecology.

Three quarter hours.

Biology 32. *Embryology.* A review of the processes of germ cell formation, fertilization, and cleavage in both invertebrates and vertebrates, followed by a detailed comparative study of the development of the frog, chick, pig, and man. Use is made of living material of the frog and chick, while the whole mounts and serial sections of the frog, chick, and pig are used for study of germ layer formation, histogenesis, and organogenesis. Charts, models, and demonstrations supplement the work. Two lectures and two three-hour laboratory periods.

Prerequisites. Biology 141, 142, or equivalent.

Five quarter hours.

Biology 33. *Comparative Vertebrate Anatomy.* A further and detailed study of the structure of higher animals with special reference to the form and development of different systems and organs. This course is especially recommended for pre-medical

students. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 34. *General Bacteriology.* A study of the morphology and physiology of bacteria and other micro-organisms, including laboratory exercises in culture methods and bacteriological technique. Two lecture periods and two three-hour laboratory periods.
Five quarter hours.

BIOLOGY 51. *Anatomy and Physiology.* This course is designed to familiarize the student with the structure and functions of the parts of the human body. Five lectures.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 52. *Eugenics.* A study of the laws governing human heredity; the ethical interpretation of biological principles governing man; the betterment of the race.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 53. *Cytology.* A study of the structure and physiology of the cell, including the process of cell division, germ cell formation, fertilization, parthenogenesis and cleavage. Training is given in the technical cytological methods of killing, sectioning, and staining. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

BIOLOGY 54. *Genetics.* A study of the laws governing heredity, the application of the experimental method to modern biological problems; the interpretation of nature, and the fundamental facts of plant and animal breeding. The laboratory will consist of experiments showing the modern methods of investigating hereditary characters. Three lectures and two two-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 71. *Organic Development.* A study of life through successive generations. Principles and theories of phylogenetic relationships are studied. Five lectures.
Prerequisite: Biology 11, 12, 13, 32, 33.
Five quarter hours.

BIOLOGY 72. *Histology.* A microscopic study of cells and tissues of the animal body. The laboratory will consist of training in histological methods.
Five quarter hours.

III
DEPARTMENT OF EDUCATION

Otis C. Amis

Head of the Department and Professor of Education

Kathleen Moore

Assistant Professor of Education

Frances Eichor

Assistant Professor of Education

Certificates. Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. Information concerning these requirements is given on pages 43, 44, and 45.

Course Offerings. The courses listed have been organized primarily to meet the needs of those who expect to enter the teaching profession and who plan to secure certificates.

A major or minor for the A.B. or B.S. degree is not offered in the Department of Education. The requirements for the degree of B.S. in Education are listed on page 36.

Education 11. *General Psychology*: This course affords a brief survey of the general principles of psychology. The course is designed primarily as a course in applied psychology rather than one in the neurological or biological aspects of psychology. For those taking both this course and Educational Psychology this course should be taken first. However, this course is not a prerequisite for Educational Psychology.

Four quarter hours.

Education 12. *Educational Psychology*: This course will be informally conducted and will deal with various influences bearing on the growth and development of the human organism. It is designed to help the student understand the problems involved in the guidance of the educand at all levels of maturity.

Four quarter hours.

Education 13. *Child Psychology*. This course presents the facts as far as they have been scientifically determined concerning child behavior, with special reference to the meaning of these facts to the teacher. It considers the growth and development of the child from the point of view of his physical, mental, moral, and social nature. It seeks to provide the student with sound criteria for estimating theories about the mental life

of children and to give adequate training in the concrete study of child life, so that, as teachers, they will be able to deal intelligently with children of different ages, dispositions, and abilities.
Prerequisite: Education 11 or 12.
Four quarter hours.

EDUCATION 31. *Fundamentals of Elementary Education.* The foundation course for the teacher-training program of the elementary school. The purposes of the course are (1) to help the student formulate his own philosophy of education; (2) to acquaint the student with the best educational practices of the modern elementary school and the philosophy on which it is based; (3) to show the relationship existing between modern psychology and educational practices, and (4) to build up general and specific teaching techniques. Several observations are made each week in the training school.
Six quarter hours.

EDUCATION 32. *Methods of Teaching Reading.* The purpose of this course is to acquaint the student with the best current practices in teaching children to read. Students are led to attack the many practical problems concerned with teaching techniques and materials in the field of primary and upper grade reading. Observations in the training school demonstrate good techniques at different grade levels. This course is required of all candidates for a Provisional Elementary Certificate.
Four quarter hours.

EDUCATION 34. *Rural Education.* This course is designed to consider the necessary adaptations of the farm child's experiences. It is intended to assist the rural teacher in a practical attack on equipment; financial limitations; community relationships; curricular adjustments and adaptations; congested class programs in the one- and two-teacher schools; and some phases of school administration and organization as they relate to the rural school situation.
Four quarter hours.

EDUCATION 37. *Workshop in Rural and Elementary Education.* This program is designed for both experienced and inexperienced persons teaching in rural and elementary schools and is conducted on a problem-solving basis. The content of the workshop program is the problems presented by the group. The procedure is informal. Observation and participation in the actual teaching situation are provided when possible. From three to nine quarter hours credit in electives in education may be earned in workshop programs in Union College.

EDUCATION 51. *Fundamentals of Secondary Education.* The purpose of this course is to acquaint the student with the fundamental aims and functions of the modern secondary school, the criteria available for the evaluation of the various high school activities, and the technique most effective in carrying on the different phases of the high school teachers' work. The course will include data on the present status of secondary education and will discuss problems now faced in meeting the demands of a dynamic social order. In this course secondary education will be recognized as a phase of the whole process of developing balanced personalities.

Prerequisite: Educational Psychology.

Four quarter hours.

EDUCATION 52. *The Elementary School Curriculum.* A study of the prevailing tendencies and procedures involved in curriculum construction in the elementary school, with special emphasis on the classroom teacher's function in changing and adapting the curriculum to the conditions of his particular situation. Critical attitudes are developed in evaluating both the traditional and the newer curricula and curricular techniques. Some actual practice in modern curriculum-making is carried on through the construction of activity units.

Four quarter hours.

EDUCATION 53. *Tests and Measurements.* A survey of the principles and techniques which underlie the construction and use of both formal and informal tests in the modern classroom. Criteria are set up by which tests of both types may be judged, and techniques for administering and scoring tests and for the tabulation and interpretation of test results are developed.

Three quarter hours.

EDUCATION 71. *Principles of Educational Administration.* This course is designed to help the teacher understand the relationships of the administration of the school system to the instructional aspects of the program. It is also designed for students preparing for work as school administrators. Problems of the administrator relating to school organization, school financing, personnel employment, building planning, and school board relationships are covered in the course. The relation of the local school district to the state educational organization and the theory of state and federal support of universally free public education are treated in the course.

Four quarter hours.

EDUCATION 72. *Curriculum Construction in the Secondary School.* This course will deal with the newer concepts in curriculum development and the criteria for judging the values of curricular materials. Curriculum organization, content, and derivation will be studied in the light of the functional needs of the time and place in which the school is operating.

Prerequisites: Educational Psychology and Fundamentals of Secondary Education.

Three quarter hours.

EDUCATION 73. *Supervised Student Teaching and Related Problems in the Elementary School.* This course is designed to give the student actual experience in teaching and in meeting teachers' problems under the guidance of trained supervisors. In addition to participation in the many activities related to actual classroom teaching, the student is given experiences in community and school organizations and activities, field trips and excursions, record keeping, faculty meetings, the collection and organization of teaching materials, and the study and guidance of children. Students will be expected to clear one-half day of academic courses and will spend the entire half day in activities directly related to this course. The pre-requisites for this course are the same as those for Education 33.

EDUCATION 81. *Supervised Student Teaching and Related Problems in the Secondary School.* Students who have met the prerequisite requirements will be permitted to do student teaching in any of the high schools affiliated with Union College for the purpose of providing directed teaching experiences, which schools are approved by the State Department of Education and the Kentucky Council on Higher Education. Such students will be freed of academic courses in order that they may spend one quarter in the community in which these schools are located and work under the close supervision of an approved critic. The student teacher will participate in all the activities relating to the school program in which the critic participates as approved by the administration of that school. The critic working under the direction of the administration of the school and the Head of the Department of Education of Union College will direct the student teacher in helping him to understand, through extensive reading and conferences, the problems in the school relating to classroom organization, methods and administrative relationships. The student teacher will be expected to study the social and economic problems of the community and to understand the environments from which his pupils come. For this quarter's work, he will receive eight

quarter hours elective credit in secondary and general education and eight quarter hours credit in supervised teaching.

Prerequisites:

1. Approval for this course by the Head of the Department of Education.
2. Completion of two-thirds of the minimum requirements in core-curriculum, and in the subject field in which the student teaching is done.
3. Completion of an equivalent of four quarter hours in Educational Psychology and four quarter hours in Fundamentals of Secondary Education.
4. Completion of an equivalent of 135 quarter hours of college credit with a scholastic standing satisfactory to the Dean of the College, and the Head of the Department of Education.
5. One quarter of residence at Union College.

EDUCATION 82. *Supervised Teaching in Secondary Education.* This course is offered for those who have previously completed an equivalent of four quarter hours of student teaching at either the elementary or the secondary level. In the main, this program of supervised teaching will be conducted in the Barbourville High School under the direct supervision of an approved critic in close co-operation with the administration of the Barbourville High School and the Head of the Department of Education of Union College. Students taking the courses will be expected to clear one-half of each day of academic courses and will spend the entire half day in the public school. This course will be integrated with four hours per week in organization and methods. The prerequisites for this course will be as for Education 81, and will presuppose an equivalent of four quarter hours credit in directed teaching in elementary or secondary education.

Eight or nine quarter hours.

EDUCATION 83. *Organization and Methods of Secondary School Teaching.* This course is designed to help the student of secondary education understand the generally accepted methods of teaching in the secondary schools. This course will be integrated with supervised teaching. It will call for a reconsideration of the objectives and functions of the secondary school, instructional planning, instructional materials, problems of

classroom management, improved methods of teaching, and evaluation of results include discussions of problems faced in supervised teaching, lectures, further observations, and reports.

Prerequisite: Fundamentals of Secondary Education.

Four quarter hours.

EDUCATION 84. *Supervision of Instruction.* This course will be given primarily from the teacher's viewpoint, although the administrator's point of view will be considered. It will deal with the principles and problems of relationship between supervisor and teacher, techniques of supervision, and the improvement of the teacher and her work while in the service.

Three quarter hours.

IV
DEPARTMENT OF LANGUAGES

Byron H. Gibson

Head of the Department and Professor of English

Stella Ward

Assistant Professor of English

Aldis B. Easterling

Assistant Professor of French and Spanish

ENGLISH

Requirements for a Major. Thirty-six quarter hours in addition to nine quarter hours of English Composition. The major must include English 51, Literary Appreciation, and eighteen additional quarter hours in courses numbered above 50.

Requirements for a Minor. Twenty-seven hours in addition to nine quarter hours of English Composition. The minor must include twelve quarter hours in courses numbered above 50.

Requirements for an Area. The area requires a minimum of seventy-two quarter hours, and shall include a minimum of forty-four quarter hours in Grammar, Composition, American Literature, and English Literature, and the remaining twenty-eight quarter hours may include Dramatics, Journalism, and Speech. No additional major is required. Completion of an Area in English satisfies requirements for the Bachelor of Science in Education degree only.

English 11. *Debating.* The purpose of this course is to train the student in the art of clear thinking and logical arrangement of materials in the argumentative form known as debate. The fundamentals of debating will be studied and applied to problems chosen for discussion. The national collegiate debate subject will be studied. From the class in debating will be chosen the intercollegiate debate teams.

Two quarter hours.

English 12. *Journalism.* This course purposes to introduce the student to the organization of the modern newspaper, acquaint him with methods of news reporting, and train him in news writing.

Four quarter hours.

English 13, 14, 15. *Composition.* The purpose of this course is to train the student in the fundamentals: grammar, punctua-

tion, spelling, reading, writing, the use of a dictionary. Themes are required; these are corrected and criticized by the instructor and returned for revision. The instructor is regularly available for personal conference with the individual student. Required of all freshmen.

Three quarter hours each.

ENGLISH 31, 32. *Public Speaking.* The purpose of this course is to train students for effective participation in ordinary speaking situations. Primary emphasis is placed on acquiring poise and grace in platform manners; learning the source and organization of speech materials, objectives, and audience considerations. Some attention is given to the physiological basis of voice and corrective voice drills. Correct and careful enunciation and pronunciation are stressed. Much practice is given in the preparation and delivery of speeches for various occasions, purposes, and audiences. The different types of public discussions are practiced.

Three quarter hours each.

ENGLISH 33, 34. *Dramatics.* The principles underlying acting and artistic interpretation of dramatic literature are studied in this course. Opportunities for appearing in plays and dramatic productions are afforded the student.

Three quarter hours each.

ENGLISH 35, 36. *Advanced Dramatics.* This course presents the fundamentals of acting, staging, and directing.

Three quarter hours each.

ENGLISH 37, 38. *English Literature.* This study acquaints the student with all the major English writers from the eighth century author of *Beowulf* to the twentieth century. This survey helps develop the historical perspective necessary for understanding and justly evaluating present-day literature and society. English 37 includes Chaucer, Spenser, Shakespeare, the King James Version of the Bible, Milton, Dryden, Pope, Gray, Goldsmith, Johnson. English 38 stresses Burns, Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, and Browning.

Five quarter hours each.

ENGLISH 39. *Children's Literature.* This course is designed to give the prospective elementary teacher an opportunity to make a systematic study of children's literature and to know and appreciate the best in this particular field. It includes a brief survey of the history of children's literature and a study of the

literature itself under the following topics: Mother Goose, fables, folk songs, literary fairy tales, myths, legends, hero tales, nature stories, fiction, biography, poetry, historical and geographical literature. Story-telling and dramatization are introduced. Other methods of teaching are touched incidentally.

Four quarter hours.

ENGLISH 51. *Literary Appreciation.* In this course the different types of literature are studied in order to understand better and thus appreciate more fully each type. Selected masterpieces are studied to illustrate the short story, the drama, the essay, the novel, and poetry. Particularly comprehensive study is given to poetry. Required of all who major in English.

Five quarter hours.

ENGLISH 52, 53. *American Literature.* This course is a survey of American literary productions; American literary styles, movements, trends, and currents of thought from the beginning of national culture to the present time. The first quarter's work includes the periods known as The Roots of National Culture and The Romantic Triumph; the second half, The Rise of Realism, The Social Revolt, and Contemporary Trends. Collateral reading and various forms of report are part of the course.

Five quarter hours each.

ENGLISH 54. *The English Novel of the Nineteenth Century.* This course is designed to cover the novel in England from the time of Scott to 1900, stressing the works of Dickens, Thackeray, the Brontes, George Eliot, Meredith, Stevenson, Butler, Hardy, and Gissing.

Five quarter hours.
Offered alternate years.

ENGLISH 55. *Word Study.* This course aims to enlarge vocabularies, to teach the easiest and fastest methods of learning new words, and to develop word-consciousness and intellectual curiosity about language that will prove of lasting value both cultural and practical. A comprehensive guide-book is used, with outside practice in current newspapers and magazines. Special emphasis is laid upon timely words in daily use.

Four quarter hours.

ENGLISH 71. *World Literature.* An appreciative study of the world masterpieces which, in translation for centuries, have influenced Western thought and literature. Emphasis is laid on the writings of Homer, Aeschylus, Sophocles, Euripides,

Aristophanes, Virgil, Dante, and Goethe. This course is planned to give the background necessary for the full understanding and enjoyment of English and American literature.
Five quarter hours.

ENGLISH 72. *Poetry of Today.* The purpose of this course is to acquaint the student with the best in the field of modern American and British poetry. The course aims also to aid in the acquiring of an appreciation of contemporary poetry ranging from that of Thomas Hardy to that of current writers. It deals with present-day styles, modes, values and subject matter.
Four quarter hours.
Offered alternate years.

ENGLISH 73. *Development of Drama.* This course consists of a study of drama forms or types, dramatic modes, and dramatic values from Greek to present-day productions. A background of history of the plays, playwrights, times, theaters, origin, and occasion of production is developed.
Five quarter hours.
Offered alternate years.

ENGLISH 74. *Modern Drama.* This course provides a study of European and American drama in the nineteenth and twentieth centuries. The plays studied range from those of Ibsen to current productions. It is designed to broaden and deepen the student's knowledge of dramatic impulses and of the ways in which dramatic practices have developed.
Five quarter hours.
Offered alternate years.

ENGLISH 75. *Romantic Poetry.* Beginning with an introductory survey of pre-romanticism, this course is an intensive historical and appreciative study of the poetry of Wordsworth, Coleridge, Byron, Shelley, Keats. English 75 should follow English 38; these two courses may not be taken the same quarter.
Five quarter hours.
Offered alternate years.

ENGLISH 76. *Shakespeare.* The course is designed to cover the sonnets, the songs within the plays, and the major dramas. Since the emphasis is placed upon the plays themselves, outside work consists only of short studies of Shakespeare's art, of themes and *motifs* which throw light on the background of the plays, and of the customs and beliefs of the times therein represented.
Five quarter hours.
Offered alternate years.

English 77. *Victorian Poetry.* This course offers an intensive historical and appreciative study of the poetry of the last three quarters of the nineteenth century. Special stress is placed upon Tennyson and Browning, with secondary emphasis on Arnold, the Rossettis, Swinburne, and others. English 77 should follow English 38; these two courses may not be taken the same quarter.

Five quarter hours.

Offered alternate years.

FRENCH AND SPANISH

Requirements for a Major in Either Language. Thirty-six quarter hours in the language in which the major is desired.

Requirements for a Minor. Twenty-seven quarter hours in the language in which the minor is desired.

FRENCH

French 11, 12, 13. *Beginning French.* In this course French is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter, a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

French 31, 32, 33. *Intermediate French.* More advanced work in conversation, grammar and composition, based on material of current interest. Reading of selections from modern French authors. Conducted largely in French.

Prerequisite: Nine quarter hours of college French or two years of high school French.

Three quarter hours each.

French 51, 52, 53. *Modern French Literature.* A study of the outstanding literary works and the movements they represent, since the beginning of the eighteenth century. Continued work in conversation and composition.

Prerequisite: Eighteen quarter hours of college French, or the equivalent.

Three quarter hours each.

Offered alternate years.

FRENCH 71, 72, 73. *Survey of Early French Literature.* A study of some of the principal works of French literature from earliest times through the seventeenth century. Continued work in conversation and composition.

Prerequisite: Eighteen quarter hours of college French or the equivalent.

Three quarter hours each.

Offered alternate years.

SPANISH

SPANISH 11, 12, 13. *Beginning Spanish.* In this course Spanish is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

SPANISH 31, 32, 33. *Intermediate Spanish.* More advanced work in conversation, grammar and composition, based on material of current interest concerning Spain and Latin America. Reading of selections from modern Spanish and Spanish-American authors. Conducted largely in Spanish.

Prerequisite: Nine quarter hours of college Spanish or two years of high school Spanish.

Three quarter hours each.

SPANISH 51, 52, 53. *Survey of Spanish Literature.* A study of the outstanding literary works of Spain, and the movements they represent, since the middle of the sixteenth century. Advanced work in conversation and composition, based on material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

SPANISH 71, 72, 73. *Survey of Spanish American Literature.* A study of the development of Spanish Literature in Latin America, from the early colonial period to recent years. The more important literary works will be read in the light of their relation to the literary movements of the period and to Latin American civilization. Advanced work in conversation and composition, based an material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

V
DEPARTMENT OF PHYSICAL SCIENCES

Charles R. Wimmer
Head of the Department and Professor of Chemistry

Phillip I. Peters
Instructor in Mathematics and Physics

Requirements for a Major.

Physical Science: Forty-two quarter hours.
Chemistry: Thirty-six quarter hours.
Mathematics: Thirty-six quarter hours.

Requirements for a Minor.
Chemistry: Twenty-seven quarter hours.
Mathematics: Twenty-seven quarter hours.

Candidates for the Bachelor of Science in Education degree may complete the following major in Science:

Major in Science. Thirty-six quarter hours including twelve quarter hours each in Biology, Chemistry, and Physics.

Course Offerings.

CHEMISTRY

Physical Science 11, 12, 13. *General Inorganic Chemistry*. This course is designed for the student who wishes to take only one year of chemistry as a cultural subject, as well as for the student who wishes a foundation for further study in chemistry. The basic principles of chemistry are studied thoroughly and their practical application to our everyday living is pointed out. The laboratory work is devoted to the experiments which illustrate the theories, preparations, and reactions studied in the classroom. Practical experiments on foods, dyes, and so forth, are also included.

Four quarter hours each.

Physical Science 31. *Qualitative Analysis*. This course is devoted to a systematic study of the theories and fundamentals of qualitative analysis involved in the separation and identification of the more common metals and acids. Lecture, one hour; laboratory, three two-hour periods per week.
Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours.

PHYSICAL SCIENCE 32, 33. *Quantitative Analysis.* This course is intended for pre-medical students and for those who are majoring in chemistry. The fundamental principles of gravimetric and volumetric analysis are studied. These principles are then applied for the purpose of developing careful and accurate work in the laboratory. Lectures and recitations one hour per week; laboratory, three two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13 and 31 or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 51, 52, 53. *Organic Chemistry.* A course intended for the student who is preparing for the study of medicine or for the student majoring in chemistry or home economics. A thorough study is made of the principles underlying the classification of carbon compounds as well as the preparation and properties of the various classes of aliphatic and aromatic hydrocarbons and their derivatives. The laboratory work in this course is designed to correlate the principles learned in the classroom with their practical application. Lectures and recitations two hours per week; laboratory, two two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 31, 32, and 33 are alternated with Physical Science 51, 52, and 53.

PHYSICAL SCIENCE 51, 52, and 53 will be offered during the year 1944-45.

MATHEMATICS

MATHEMATICS 14. *College Algebra.* The course presupposes a knowledge of elementary algebra. Chief topics: review of fundamentals of algebra, linear functions, exponents and radicals, quadratic equations, ratio, proportion, progressions, Binomial Theorem, determinants.

Five quarter hours.

MATHEMATICS 15. *Plane Trigonometry.* Chief topics: the trigonometric functions, use of tables, solution of right and oblique triangles by use of logarithms, radian measure, fundamental identities.

Prerequisite: Mathematics 14.

Five quarter hours.

MATHEMATICS 16. *Plane Analytic Geometry.* Chief topics: straight line, circle, conics, tangents, transformation of coordinates, polar coordinates, parametric equations.

Prerequisite: Mathematics 15.

Five quarter hours.

MATHEMATICS 37. *Methods of Teaching Arithmetic.* A study of the subject matter, teaching materials, and methods for the elementary grades. Not counted toward major or minor.

Four quarter hours.

MATHEMATICS 55. *Differential Calculus.* Chief topics: the derivative, functions (explicit and implicit), maxima and minima, related time rates, limits, continuity, indeterminate forms, parametric equations, speed, velocity, acceleration, curvature, differentials, infinitesimals, partial differentiation.

Prerequisite: Mathematics 16.

Five quarter hours.

MATHEMATICS 56. *Integral Calculus.* Chief topics: the definite integral, use of integral tables, Duhamel's Theorem, applications to mechanics, multiple integration, differential equations, infinite series.

Prerequisite: Mathematics 55.

Five quarter hours.

MATHEMATICS 71. *Theory of Equations.* Chief topics: the complex number, theorems and methods for finding roots of equations, determinants.

Prerequisite: Mathematics 15 and permission of instructor.

Five quarter hours.

MATHEMATICS 72. *Differential Equations.* Particular solutions, differential equations of first, second, and higher degrees and order, singular solutions.

Prerequisite: Mathematics 56.

Five quarter hours.

PHYSICS

PHYSICAL SCIENCE 34, 35, 36. *General Physics.* This course deals with mechanics, heat, electricity, magnetism, sound, and light. Lectures and recitations three hours per week, laboratory one two-hour period per week.

Four quarter hours each.

VI
DEPARTMENT OF SOCIOLOGY AND HISTORY

WAYNE T. GRAY
Head of the Department and Professor of Sociology

REQUIREMENTS FOR A MAJOR. *Sociology.* Thirty-six quarter hours in this field. Ten hours of Economics may be included.

REQUIREMENTS FOR A MINOR. *Sociology.* Twenty-seven quarter hours in this field. Six hours of Economics may be included.

Students who are candidates for the Bachelor of Science in Education degree may satisfy the Area or Major requirements in the Social Sciences as follows:

A teaching area in Social Science shall consist of a minimum of 72 quarter hours distributed as follows: 28 quarter hours in History, including eight quarter hours in American History and eight quarter hours in European History; and a minimum of eight quarter hours each, in the following subjects, namely: Political Science, Economics, Sociology, and Geography. The other twelve quarter hours in this field shall be elective from Social Sciences.

No additional major or minor is required for the secondary certificate in History and Sociology. It will be advisable for teachers to use their electives to obtain eighteen quarter hours in one or two fields aside from history so that they may obtain teaching minors in as many phases of this area as possible.

COURSE OFFERINGS.

SOCIOLOGY 11. *Introduction to Sociology.* This course is designed to give the student an understanding of the origin, development and activities of modern society.

Four quarter hours.

SOCIOLOGY 31. *Principles of Sociology.* A course which has as its purpose the familiarizing of the student with the principles underlying present day society and the factors affecting social intercourse among peoples of the more complex cultures.

Four quarter hours.

SOCIOLOGY 32. *Rural Sociology.* A study of the rural sections of our society including its people, organizations, institutions, and problems. The aim of this course is to familiarize the student with the farm family, the rural school, the country church, and the farm organizations which improve country life.

Four quarter hours.

SOCIOLOGY 33. *The Family.* A study of the association of individuals living together in families and a discussion of the more important problems arising from such associations. This course uses a history of domestic institutions merely as a background for understanding practical domestic problems of the present day. Special emphasis is placed upon the adjustments which young people need to make when they are united in marriage.
Four quarter hours.

SOCIOLOGY 34, 35. *Principles of Economics.* A study of the fundamental principles of economics, including the production, distribution, and consumption of goods; money and exchange; labor and capital; and the factors influencing supply and demand. Problems and examples to illustrate and fix these principles in the mind of the student will be used where practical.
Three quarter hours each for two quarters.

SOCIOLOGY 36. *Consumer Economics.* A course designed to acquaint the student with sound and efficient consumer practices as the making of budgets, the type and qualities of goods, and services offered by the market, and the securing of fair value for the money which the consumer spends.
Four quarter hours.

SOCIOLOGY 37. *Principles of Geography.* This course is a study of Human Ecology. It is designed to acquaint the student with the physical features of the earth on which we live, to give the student instruction and practice in the use and interpretation of maps, globes, and atlases, and to show the ways in which man's life, standard of living, mode of thought, and social contacts are influenced by the earth's form, composition, and movements.
Four quarter hours.

SOCIOLOGY 51. *Social Psychology.* A study of the development and activity of the group mind, the interaction of individuals and groups, and of groups with each other. This course aims to help the individual adjust himself to the various groups with which he may wish to affiliate himself and to acquaint him with some of the means by which he may help to mold group thought.
Prerequisite: Sociology 31 or Education 11.
Four quarter hours.

SOCIOLOGY 52. *Modern Social Problems.* A study of the more prevalent and pressing present-day social and community problems.
Prerequisite: Sociology 11 and 31.
Four quarter hours.

SOCIOLOGY 53. *Economic Geography.* A study of the natural resources of the world and their influence upon the habits, standard of living, thought and concentration of people. Special stress will be placed upon those resources directly affecting the well-being of the people of the United States.
Prerequisite: Sociology 37 or qualifying examination.
Four quarter hours.

SOCIOLOGY 71. *Problems of Youth.* A course dealing with the problems facing young people today and a discussion of those problems and their possible solutions in the light of Christian principles of living and good social conduct.
Prerequisite: Sociology 31.
Four quarter hours.

SOCIOLOGY 72. *Sociology Reading.* A reading course designed to broaden and fill out the training of those who major or minor in Sociology. Books will be selected for the student from the fields with which he is least familiar. About thirty-six hours of reading will be required for each hour credit. Oral reports and oral and written examinations will check the quality of reading done by those taking this course.
Prerequisite: Twenty-two quarter hours of Sociology and/or Economics and permission from Head of Department.
One to six quarter hours.

SOCIOLOGY 73. *Sociology Problems.* This course is designed to give students an opportunity to do individual work under supervision. Such work may be done at any time significant problems are presented.
Prerequisite: Twenty quarter hours in Sociology and/or Economics or sufficient training to carry on independent work.
One to nine quarter hours.

HISTORY 11, 12. *American History.* The European background, colonial life, rivalry with French, the breaking away from Great Britain, the making of our Constitution, and the beginning of our national life are studied the first quarter; the Civil War and Reconstruction, the expansion toward the west, our industrial growth, receive especial attention the second quarter.
Four quarter hours each.

HISTORY 13, 14. *American Government and Citizenship.* A study is made during the first half in some detail of the power and functions of Congress, the President, and our national courts. During the second half the course consists of a study of our state, city, and county governments with notices of recent changes made or contemplated.
Four quarter hours each.

1.
DIVISION OF FINE ARTS

Katherine Van Sutphen
Instructor in Piano and Art

Elma A. Randall
Instructor in Voice and Musical Theory

A major is not offered in Fine Arts.

Requirements for a Minor in Music. Twenty-seven quarter hours, including Fine Arts 34, 35, 37, 38, 71, and 72.

MUSIC

Fine Arts 11. *Piano.* Technic, major and minor scales, principal triad chords and arpeggios; studies from Hanon, Czerny, Von Bulow, Bach; preludes, bourrees, gavottes, shorter sonatas of Haydn, Mozart, Beethoven; compositions from Classic and Modern Periods.

Two private lessons per week for one quarter, one quarter hour.

Fine Arts 12. *Piano.* Technic in combinations, as scales in thirds, sixths, tenths, dominant and diminished-seventh chords and arpeggios; studies from Czerny, Opus 740, Gradus ad Parnassum of Clementi, Bach's Suites and Inventions; Mozart "Variation Sonata"; Beethoven Opus 13; selections from Classic, Romantic, and Modern composers.

Two private lessons per week for one quarter, one quarter hour.

Fine Arts 13. *Voice.* Drill in tone production and diction, with emphasis placed on vowel formation, technical exercises to fit the need of individual student; songs of moderate difficulty sung with correct intonation and interpretation.

Two private lessons per week for one quarter, one-quarter hour.

Fine Arts 14. *Voice.* Continued drill in vocal exercises; art songs from the classic and standard repertoire: less exacting oratorio and operatic arias.

Two private lessons per week for one quarter, one-quarter hour.

Fine Arts 31, 32, 33. *College Chorus.* Union College Chorus is open to all who have reasonably good singing voices. The members become familiar with the best choral literature, and are taught to build proper ideals in ensemble work. Throughout the year this chorus makes regular appearances in chapel

programs, and presents local and out-of-town concerts of sacred and secular music.

One quarter hour each.

FINE ARTS 34, 35. *Ear Training.* The aim of this course is to teach the pupil to think in tones, and so to train the feeling and the ear that he may learn to sing, name, play, and write what he hears. This is done chiefly through dictation and sight-singing of melodic exercises in major and minor keys in various rhythms.

Three quarter hours each.

Offered in alternate years.

FINE ARTS 36. *Public School Music.* A general school-music course which gives a practical introduction to the teaching of music in rural-school and elementary grades. Understanding of the child voice, teaching of rote songs, development of the rhythmic sense, creative music, sight singing, elementary theory, and music appreciation are the major topics.

Three quarter hours.

FINE ARTS 37, 38. *Practical Harmony.* A study of keys, scales, intervals, triads, harmonization and melodies, modulations, chromatic alterations, and transpositions at the keyboard and in written exercises.

Three quarter hours each.

Offered in alternate years.

FINE ARTS 71, 72. *History and Appreciation of Music.* A study of the development of music, with particular attention given to the social aspects of the art of music as it reflects the significant forces of various periods. Opportunity will be given to become familiar with the best music of all ages. The first half includes the history of music up to the Romantic Period; the second half, the music from the Romantic Period until the present time. A record library is available for use in this course.

Three quarter hours each.

ART

FINE ARTS 39. *Public School Art.* This course is planned for elementary teachers. It aims to develop observation and appreciation to beauty, to develop steady growth in ability to express the child's own ideas, and to apply principles that govern design and color so that originality may be adequately expressed. Some of the topics considered are color, representation, design,

drawing, and picture work.

Three quarter hours.

FINE ARTS 41. *Fundamentals of Art.* This course offers studies in line, light and shade, color, design motives, human figure, and portrait problems, sketches from nature rendered in pencil, pen and ink, charcoal, crayon, pastels.

Three quarter hours.

FINE ARTS 73, 74. *History and Appreciation of Art.* This course is a rapid survey of art from prehistoric beginnings to the present day, stressing the works of the greatest masters in the fields of painting, sculpture, and architecture. Integrated with this survey is a study of the principles underlying beauty and the application of these principles to everyday life.

Three quarter hours each.

2.

DIVISION OF HOME ECONOMICS

ALICE R. SMITH

Assistant Professor of Home Economics

Requirements for a major.....36 quarter hours

Requirements for a minor.....27 quarter hours

HOME ECONOMICS 11, 12. *Textiles.* A study of textile fibers, both natural and synthetic; also the fundamental weaves and finishes of fabrics with regard to selection of suitable materials for personal and household use.

Two quarter hours each.

HOME ECONOMICS 13. *Costume Design.* A study of appropriate costume for the individual; choice of line, color and texture with emphasis upon the relation of these to physical make-up and personality. Prerequisite: Fundamentals of Art.

Three quarter hours each.

HOME ECONOMICS 14, 15, 16. *Foods.* Introductory food study; the course includes a study of the classifications and composition of foods, principles of cookery and practice in food preparation, meal planning and table service.

Three quarter hours each.

HOME ECONOMICS 31, 32, 33. *Clothing.* Primarily a construction

course; includes a study of construction principles, adaptation and alteration of commercial patterns and the use and care of sewing equipment. Prerequisites: Home Economics 11, 12, Textiles; and Home Economics 13, Costume Design.

Three quarter hours each.

HOME ECONOMICS 30. *Fundamentals of Homemaking.* A general course dealing with common housekeeping problems of the average home. Not open to Home Economic majors.

Two quarter hours.

HOME ECONOMICS 34. *Housing.* Social and economic problems of housing in America; problems of house buying and house planning from the consumer's point of view.

Two quarter hours.

HOME ECONOMICS 35, 36. *House Furnishing.* A study of line, color and texture in furnishings used to create a pleasing interior in homes used for present day living. Prerequisites: Textiles and Fundamentals of Art.

Two quarter hours each.

HOME ECONOMICS 51. *Family Health and Home Nursing.* A study of the factors that affect the health of the family, means of improving health and preventing diseases; practical work in home care of the sick.

Three quarter hours.

HOME ECONOMICS 52, 53. *Nutrition.* A study of the properties and nutritive values of foods; the functions of foods in meeting the nutritive requirements of the body.

Three quarter hours each.

Cultural Relaxation in Beautiful Pfeiffer Hall Parlor

Pfeiffer Student Rooms are Well Furnished and Comfortable

3.

DIVISION OF PHYSICAL EDUCATION

Sarah Eagleton Knight

Instructor in Physical Education

Union College is endeavoring to co-operate fully with the United States Government in its request to the colleges to make every effort to develop a program which will enable students to meet a higher standard of physical fitness.

The plan set up by the Physical Education Division consists of many activities that are beneficial from the standpoint of health yet at the same time are interesting and enjoyable to the student. Some activities are given to provide exercise and recreation suitable for students to continue after they have completed their college course. Many of the exercises and games taught will prove valuable to teachers, social workers, and those interested in directing playground, camp, or other recreational activities.

ACTIVITY COURSES

All students are required to register for one of the activity courses each quarter. Additional activity courses may be taken without credit.

Course Offerings.

Physical Education 11. *Restricted Activities.* Open to men students who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered each quarter.

Physical Education 12. *Restricted Activities.* Open to women who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered first quarter.

Physical Education 13. *Touch Football and Volleyball.* Open to men.

One quarter hour. Offered first quarter.

Physical Education 14. *Group Games.* Kickball, dodgeball, pushball. Open to men.

One quarter hour. Offered second quarter.

Physical Education 15. *Tennis and Volleyball.* Tennis to be

offered during the Fall term, and volleyball during the Winter term. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 16. *Group Games.* Speedball, boundary-ball, endball, kickball, softball. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 17. *Archery and Basketball.* Archery to be offered during the Fall terms, and basketball during the Winter term. Open to women.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 18. *Individual Exercises and Self-Testing Activities.* Individual exercises, stunts, apparatus, tumbling, and self-testing activities. Open to women.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 19. *Tennis and Basketball.* Open to men.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 20. *Physical Education for Elementary Schools.* Includes the use of text and regular class meetings taking up the work of conducting plays and games. This course sets up a physical education program for the elementary school as a whole and also takes up each grade separately. Any student who is working for an elementary teacher's certificate must have this course. Open to men and women.

Three quarter hours.

PHYSICAL EDUCATION 31. *Individual Games.* Horseshoes, badminton, handball, table tennis, shuffleboard. Open to men.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 32. *Advanced Softball and Volleyball.* Open to men.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 33. *Individual Games.* Shuffleboard, horseshoes, badminton, table tennis, and handball. Open to women.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 34. *Advanced Archery and Basketball.* Basketball to be offered during the Winter term, and archery during the Spring term. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 35. *Folk Games.* Open to men and women.
One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 36. *Advanced Tennis and Volleyball.* Volleyball to be offered during the Winter term, and tennis during the Spring term. Open to women.
One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 37. *Advanced Tennis and Basketball.* Open to men.
One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 41. *First Aid.* Treatment for injuries common to athletic activities as well as for injuries occurring in everyday life. Open to men and women.
Three quarter hours.

PHYSICAL EDUCATION 42. *Health and Safety.* This is an elementary course designed to acquaint the student with the fundamental principles of health and safety with special reference to school situations. Open to men and women.
Four quarter hours.

4.

DIVISION OF SECRETARIAL SCIENCE

ALBERTA L. BALMER
Assistant Professor of Secretarial Science

*The Diploma of Secretarial Science is granted to a student who satisfactorily completes the prescribed two-year course in Secretarial Science with an average scholastic standing of 1.00.

A minor in Secretarial Science is offered for the degree of Bachelor of Science in Education for the Provisional High School certificate. This minor requires the completion of twenty-seven quarter hours approved by the Dean of the College and the Head of the Division.

The following courses carry college credit as indicated, and may be elected by all students with permission from the Dean of the College.

SECRETARIAL SCIENCE 11, 12. *Shorthand.* This is a course for beginners. Its purpose is to give a thorough and systematic

*For the duration of the war the regular two-year diploma course in Secretarial Science is being replaced by an accelerated one-year course for the purpose of helping relieve the critical shortage in this profession.

presentation of the theory and principles of Gregg shorthand. Emphasis is placed both on reading and on writing. Students are expected to pass the 60-word dictation test on completion of Secretarial Science 12. The Functional Method is used. Book I and Book II are completed during the two courses. Class meets five times a week.

Four quarter hours each quarter.

SECRETARIAL SCIENCE 13, 14. *Typewriting.* This is a course for beginners also. Its purpose is to acquaint the student with the proper technique of typewriting, with stress on the mastery of the keyboard and of other working parts of the typewriter. Besides speed and accuracy in straight writing, other topics covered are proper letter arrangement, business forms, tabulating, manuscript writing, copy from rough draft, etc. The attainment of a speed of 40 words per minute on straight writing is required. Class meets five times a week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 17, 18. *Dictation and Transcription.* Prerequisites, Secretarial Science 11, 12, 13, 14, or their equivalents. Much practice is put on rapid reading and writing of shorthand, and speed and accuracy in transcription, on enlarging the vocabulary of the student, and on the use of better English. It is expected that students pass the 120-word test on completion of the course. Class meets five times per week.

Four quarter hours each quarter.

SECRETARIAL SCIENCE 21, 22. *Office Practice.* This course makes a detailed study of filing, using the Library Bureau Filing text. A certificate from that company must be earned, granted on the passing of tests covering the following kinds of filing: alphabetic, triple check automatic, numeric, geographic, subject, soundex, and decimal. Also included in the course is the use of calculators, mimeograph, ediphone, and billing machine. Class meets four times per week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 23. *Secretarial Practice.* Prerequisites, Secretarial Science 11, 12, 13, 14, or their equivalents. This course provides advance practice in the dictation of letters in connection with the work of a secretary. The course also includes the form letter, interoffice communication, proof reading, carbon copy work, legal forms, billing, application for a job, and any other general topics that might aid the student in an actual position. Assisting in the offices of the college is

arranged for. Class meets four times per week.

Three quarter hours.

SECRETARIAL SCIENCE 25, 26, 27, 28. *Accounting.* This course is designed for beginners. It is an introductory course presenting the theory and principles of accounting. It starts with corporation accounting, presenting the balance sheet, financial statements, journalizing and posting; adjusting, closing, and reversing entries; controlling accounts; special cash books, journals, subsidiary ledgers; the voucher system, manufacturing costs, receivables and payables; bonds, sinking funds and reserves; consignments, etc.; private ownership and partnerships. At least one practice set is worked. Class meets two hours per week for lecture and two periods of two hours each for laboratory per week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 31. *Business English.* The purpose of this course is to aid the student in the use of correct business terms, spelling, punctuation and sentence construction as used in writing and answering those types of letters most frequently met with in business and professional offices; to express one's thoughts clearly, concisely, and simply in good English. An attempt is made to present successful letter writing as an easy, natural expression of personality. Class meets three times per week.

Three quarter hours.

SECRETARIAL SCIENCE 32. *Business Law.* The purpose of this course is to acquaint the student with the most common of the laws governing general business procedure. This includes also, the history and development of these laws, with emphasis on contracts, negotiable instruments, the law of sales, insurance, agency, real property, wills, etc. This study attempts to develop a wholesome respect for law and law enforcement. Class meets three times per week.

Three quarter hours.

SUMMER SESSION

GENERAL ANNOUNCEMENT. Union College has an eleven week quarter of summer work divided into two five and one-half weeks' terms. The first term for 1944 opens June 7 and closes July 15. The second term opens July 17 and closes August 23. The classes meet six days each week. Classwork begins in the morning at 7:30. The program of studies published in the summer bulletin is such that

a student may take the regular college courses and the courses that are required for certificates issued by the Department of Education of the State of Kentucky.

REQUIREMENTS FOR ADMISSION. The requirements for admission are the same for the Summer Session as for the regular work. For a complete statement concerning them the proper section of the catalog should be consulted. It is important that new students have transcripts of work done in high school and college sent to the Dean before the opening of the session.

CREDIT. The work offered in the Summer Session is equivalent in method, character, and credit value to that of the academic year. Eight or nine quarter hours of college work constitute an average load for a term of five and one-half weeks, but under certain conditions ten or eleven hours are permitted. Twenty-one hours is the maximum credit allowed for the two terms.

RECREATION. Near-by mountains and many historic places are easily accessible for excursions and picnics. An organized recreational program on the campus will be supervised by a faculty member. A modern gymnasium and tennis courts are available to students.

For further information write to the Dean of the College.

DEGREES GRANTED IN 1943

Dunn, Jocelyn	B.S. in Ed.	Corbin
Durham, Donald	A.B.	Reidsville, N. C.
*Faulkner, William	B.S.	Frenchburg
Jackson, Juanita	B.S. in Ed.	Cumberland
Judd, Edna	A.B., cum laude	Levi
Lawry, Russell	A.B.	Clark's Summit, Pa.
**Lewallen, Caleb	B.S. in Ed.	Totz
**Lewallen, Norma	A.B., cum laude	Totz
Melvin, Neil	B.S. in Ed.	Jackson Springs, N. C.
Mullins, Luther	B.S. in Ed.	Jenkins
Pearce, Margaret	A.B.	Detroit, Mich.
Reese, Joseph L.	B.S. in Ed., cum laude	Garrison
Swim, Dixie	B.S.	Mariba
Swim, Lynn Felts	A.B.	Louisville
Tolle, Charles	B.S. in Ed., cum laude	Windfall, Ind.
Tye, Virginia	B.S., magna cum laude	Corbin
Walker, Charles	B.S.	Huntington, W. Va.
*Walker, Charles	B.S. in Ed.	Huntington, W. Va.
Williams, Robert	B.S. in Ed.	Concord, N. C.
York, Ralph	A.B.	Binghamton, N. Y.

HONORARY DEGREES

Burke, Alfred R.	D.D.	Binghamton, N. Y.
McClurkan, E. L.	D.D.	Pineville
Millard, Richard M.	D.D.	Detroit, Mich.
Pfeiffer, Annie M.	L.H.D.	New York City
Seay, Maurice F.	LL.D.	Lexington
Taylor, William S.	LL.D.	Lexington
Turner, Bedford	D.D.	Henderson
Wesley, Edgar B.	Litt.D.	Ann Arbor, Mich.

DIPLOMAS IN SECRETARIAL SCIENCE

Atkins, Kathleen	Louisa
Daniel, Jean	Pineville

*Graduated July 14, 1943
**Graduated August 21, 1943

Register of Students

SENIORS—1943-44

Name	*Address*
Bullock, Marion Louise	New York, N. Y.
Cope, Mary Rebecca	Benham
Cowles, Martha Jane	Asheville, N. Y.
Dillingham, William E.	Mt. Vernon
Drinnon, Grace Johnson	Middlesboro
Fleming, Gladys Irene	Oceanside, N. Y.
Jarvis, Mrs. Taylor	Barbourville
Jones, Bertie M.	London
Kessel, Wayne Marshall	Fisher, W. Va.
Lucas, Opal	London
Martin, Ethel E.	Heidrick
Mink, Mrs. Elizabeth	Mt. Vernon
Nankivell, Mary Eileen	Columbia
Parsley, Opal Y.	London
Parsons, Jewell Chasteen	Mt. Vernon
Rice, Bertie Bales	Livingston
Rumbley, George McClellan	Brownsville, Ind.
Saylor, Cleston	Brodhead
Scalf, Gladys	Corbin
Slusher, Virgil B.	Pineville
Smith, Bonnie H.	Brodhead
Woolum, Pauline	Jenson
Young, Mary Elizabeth	London

JUNIORS—1943-44

Abney, Ida M. — Mt. Vernon
Adams, Frederick Porter — Otego, N. Y.
Adkins, Sallie Marie — Williamsburg
Bailey, Mrs. Wade H. — Middlesboro
Begley, Winnifred — Ingram
Bennett, Grace — Siler
Blair, Alta — Garrard
Boatman, Caroline E. — Barbourville
Bowling, [illegible]lsie — Brock
Bowling, [illegible]ladys — Brock
Burnett, [illegible]ian Ethel — Boreing
Carnaha[illegible] Mary E. — Manchester
Cochran, [illegible]blanche P. — London
Combs, Georgia — Oneida
Combs, Hobart — Feltz
Corey, Mrs. W. C. — Arjay
Cornett, Doll Lewis — Fogertown
Cornett, Laddie G. — Manchester
Cox, Ruby Jean — Gray
Davis, Lorna June — Barbourville
Dickerson, Jennie Frances — Livingston
Dickerson, Josephine S. — Livingston
Dobson, Mae Beatty — Bush
Dotson, Hazel — Fariston
Dugger, Edith Hazel — Place
Durham, Grace — Brock
Durham, Irene — Brock
Ewell, Cecil Corinne — London
Fiechter, Bertha — Pittsburg
Fuson, Shelvie — Pineville
Gatliff, Maria — Mt. Vernon
Gunning, Margaret Phyllis — Closplint
Hensley, Lotus Marie — Hector
Hill, Martha Shearer — Disputanta
House, Thelma Lee D. — London

Hughes, Delanie ____Burning Springs
Hurst, Pascal _____Pineville
Hysinger, Ida Lucille____Mt. Vernon
Jones, Florence H._____Corbin
Meadors, Leona Geraldine____Corbin
Miracle, Ewing Ward_____Pineville
Morgan, Mary Katharine
Bristol, Tenn.
Murphy, Maxine _____Liberty
Parrott, Lollae Mae _____Lida
Parrott, Lucille _____Brock
Reed, Jessie Marie_____Lily
Reynolds, Grace _____Lake
Roberts, Thera Mae_____Columbia
Rose, Joie _____Carpenter
Smith, Mary _____Williamsburg
Spurlock, Emma Bell_____Peabody
Sullivan, Flora J._____Williamsburg
Ward, Elizabeth _____Egypt
Webb, Juanita Thompson____Ingram
Wilson, Cola G. Abney___Mt. Vernon
Wilson, Lola Elaine _____Insull
Witt, Lela Isabell_____Liberty
Woods, Mattie June_____Four Mile
Wright, Beatrice Lear_____Brodhead

SOPHOMORES—1943-44

Arnold, Loretta _____Evarts
Bates, Mary Kathryn_____Tanksley
Begley, Mary _____Corbin
Bowling, Janie A._____Marcum
Cannon, Martha Jean_____Corbin
Carnes, Roellen _____Dewitt
Carter, Ruth _____Cawood
Collier, Oda Botkins_____Barbourville
Deerfield, Beulah _____Catlettsburg
Doby, Pauline _____Gray
Doss, Betty Jean_____Pineville
Durham, Evalyn____Cincinnati, Ohio
Farnsworth, Bernard J.
Newark, N. Y.
Garrett, Nell _____Cedartown, Ga.
Goggin, Margaret Etta_____Lancaster
Greear, Mary Elizabeth____Bardstown
Greene, Dorothy _____Ingram
Kilgore, Alice Marie____Coeburn, Va.
Knuckles, Lydia Jean_____Beverly
Lewis, Freda _____Barbourville
McKeehan, Hazel Hodge
Kettle Island
McKeehan, Mary Gwendolyn
Barbourville
Mellott, Mary Elizabeth
Beaver Meadow, Pa.
Miracle, Bradley _____Balkan
Morris, Aleene _____Lancaster
Nantz, Golda_____Helton
Nestor, Muriel Dean_____Pineville
Parker, Ruby _____Barbourville
Payne, Evelyn_____Cincinnati, Ohio
Reed, Marjorie Ruth _____Lily
Rice, George B._____Monticello
Roberts, Elva Webb_Burning Springs
Robinson, Mary Elberta
Rose Hill, Va.
Runyon, Pauline _____Barbourville
Saylor, Juanita _____Crab Orchard
Shadow, Lucy Ellen _Decatur, Tenn.
Smith, Bessie _____Garrard
Smith, Lois _____Goose Rock
Stewart, Minnie E._____Creekville
Tappan, Katherine Elizabeth
Delmar, Del.
Townsley, Cleda Ellen_____Barnyard
Watkins, Lucy White
Burning Springs
Webb, Billie _____Manchester
Webb, Dorothy Louise
Hempstead, N. Y.
White, Irene L._____Barbourville
Wilder, Lloyd _____Oaks
Ziegler, Mabel _____Maysville

FRESHMEN—1943-44

Adams, Ruby Vernon_____Gray
Allaway, Paul _____Harlan
Andrews, Rufus Carl Jr.
Catlettsburg
Bailey, Byllie Jeanne____Middlesboro
Bennett, Richard C._____Siler
Bingham, James Matt_____Salt Gum
Blakley, Bertha Beatrice_Barbourville
Blundell, Vivian Frances
L[illegible] Mass.
Boggs, Emogene _____Jenkins
Bowling, Alma Jean_____Creekville
Bowling, Florence _____Fogertown
Brafford, Edna _____Corbin
Browning, Mary Frances____Pineville
Buchanan, Dorothy Lois_____Benham

Burdette, Oneida Douglas — Renfro Valley
Burke, Gordon — Jonancy
Calhoun, Mary Esther — Burnside
Campbell, Gretchen Charlene — New Tazewell, Tenn.
Canady, Joyce L. — Barbourville
Cannoy, Oleta Marie — Frenchburg
Casey, Bertha Anna — Eagan, Tenn.
Cornett, Dennis Jr. — Linefork
Cornn, Earl Ronald — Pineville
Crank, Sarah Ellen — Jenson
Cravens, Barbara Ann — Pineville
Davis, Georgia Lee — Calvin
Dillon, Tommy Catherine — Somerset
Drinnon, Ralph Elmo — Middlesboro
Dye, Artie — Barbourville
Dye, Elizabeth — Trosper
Eagle, Georgia — Gray
Easterly, Geraldine — Barbourville
Elam, Cleo — Ingram
Elliott, David Green — Middleburg
Ely, Nanetta — Jonesville, Va.
Evans, Mary Edna — King
Gibbons, Gladys — Heidrick
Gibson, Beatrix — Frakes
Gibson, Ima Jean — Heidrick
Goins, Richard Jefferson — Barbourville
Greene, Lois — Calvin
Gross, Novella — Eagan, Tenn.
Hacker, Ruth H. — Wild Cat
Hall, Jacqulean — Lookout
Hammons, Janie Tuggle — Barbourville
Hammons, Mary — London
Hartfield, Jack Edward — Pineville
Hayes, Josephine Elizabeth — Marion, Va.
Hendricks, Geneva — Barbourville
Hendrickson, Rowena L. — Four Mile
Hollingsworth, Ocie — Burning Spring
Hubbard, Mary Permelia — Barbourville
Hurst, Sadie — Pineville
Jackson, Eulalia — Cannon
Jones, James Russell — Barbourville
Kelly, Lois June — Evarts
King, Helen M. — Barbourville
Knuckles, Esther — Beverly
Laws, Mary Geneva — Crummies
Lindsay, Thelma — Corbin
Loi, Mary — Bulan
Long, Rhea — Jonesville, Va.
Lotspeich, Richard — New Orleans, La.
Lucas, Charles — Middleburg
Lyon, Ruth — Artemus
McKenna, Edythe E. — Loyall
Martin, Mildred — Straight Creek
Mealer, Margaret — Barbourville
Miller, Mildred — Barbourville
Mitchell, Elevin — Barbourville
Morgan, Hazel — Mill Pond
Murray, Frances — Hazard
Nichols, Dorothy — Morganfield
Parker, James — Corbin
Parker, Jewell — Barbourville
Payne, Marjorie E. — Corbin
Ponder, Eleanor T. — Salem, Ind.
Poynter, Anna — Crab Orchard
Pursiful, Mildred — Loyall
Pursifull, Beulah — Rella
Relaford, Flora Mae — Heidrick
Rose, Margaret M. — Williamsburg
Salyer, Faye — Clifford
Saylor, Dorothy — Crab Orchard
Short, Delmer — Letcher
Slusher, Amanda — Beverly
Slusher, Mary — Beverly
Smallwood, Mabel — Mariba
Smith, Dorotha L. — Sharpsburg
Smith, Iva Jean — Corbin
Smith, Maud M. — Burning Springs
Stivers, Mae — Fogertown
Thompson, Beulah — Tinsley
Webb, Mary Lena — Hustonville
West, Helen Rose — Barbourville
Williams, Louise — Louisville
Williamson, H. R. — Barbourville
Wilson, Edith — Pineville
Wilson, H. C. — Oaks
Woods, Ina Frances — Four Mile

1943 SUMMER SESSION

Abner, Kelen B. — Corbin
Amis, Victoria B. — Scalf
Bailey, Byllie Jeanne — Middlesboro
Bailey, Mrs. Wade H. — Middlesboro
Begley, Mary — Corbin
Bingham, James Matt — Salt Gum
Bingham, Irene — Barbourville
Boatman, Caroline — Barbourville
Bowling, Elsie — Brock
Bowling, Gladys — Brock
Brafford, Edna M. — Corbin
Bright, Horace W. — Barbourville

Bullock, Marion Louise
New York, N. Y.
Carnes, F. America ..... Dewitt
Carnes, Roellen ..... Dewitt
Cochran, Blanche P. ..... London
Cope, Mary Rebecca ..... Benham
Corey, John Harry ..... Fount
Cox, Virginia Howard ..... Twila
Cummins, Dora Katherine ..... Corbin
Davis, Lorna June ..... Barbourville
Deerfield, Beulah ..... Catlettsburg
Dick, Nina ..... Frazer
Dixon, Mary Lee ..... Barbourville
Dotzon, Hazel ..... Fariston
Dotzon, Martha M. ..... London
Dowler, Dillie ..... London
Durham, Grace ..... Brock
Durham, Irene ..... Brock
Edwards, Allie ..... Fariston
Engle, Juanita P. ..... Gray
Farnsworth, Bernard ..... Newark, N. Y.
Farris, Grace ..... East Bernstadt
Faulkner, William H. ..... Frenchburg
Fiechter, Bertha ..... Pittsburg
Fiechter, Rosa V. ..... Pittsburg
Fleming, Gladys ..... Oceanside, N. Y.
Garland, Lois ..... Gray
Garrett, Nell ..... Cedartown, Ga.
Gibbs, Edna ..... Corbin
Gibson, Beatrix ..... Frakes
Goins, Richard Jefferson ..... Barbourville
Greer, Bessie ..... Daisy
Gunning, Margaret Phyllis ..... Closplint
Hamlin, Geneva ..... East Bernstadt
Hamlin, Opal Juanita ..... East Bernstadt
House, Thelma L. ..... London
Hubbard, Mary Permelia
Barbourville
Hughes, M. Bernice ..... Barbourville
Johnson, Adell ..... London
Johnson, Nora E. ..... London
Jones, Florence H. ..... Corbin
Jones, James Russell ..... Barbourville
Kelly, Lois June ..... Evarts
Kessel, Wayne M. ..... Fisher, W. Va.
Knuckles, Esther M. ..... Beverly
Knuckles, Lydia J. ..... Beverly
Lewallen, Caleb ..... Totz
Lewallen, Norma ..... Totz
Lindsay, Thelma ..... Corbin
Logan, Emma Cooper ..... Woodbine
Lotspeich, Richard
New Orleans, La.
McDonald, Cecille ..... Bailey's Switch
Mackey, Mrs. J. C. ..... Barbourville
Martin, Ethel E. ..... Heidrick
Mays, Clara B. ..... Swan Lake
Miller, Laymon ..... Artemus
Miller, Willa B. ..... East Bernstadt
Miller, Estie M. ..... Flat Lick
Mills, T. James ..... Hammond
Mink, Gladys ..... Corbin
Miracle, Bradley ..... Balkan
Miracle, Pearla ..... Oaks
Mitchell, Maud Elevin ..... Barbourville
Morris, Mary Edna ..... Green Mount
Nankivell, Eileen ..... Columbia
Napier, Josephine C. ..... Wooton
Noe, Viola ..... London
Nolan, Ercell ..... London
Nolan, June ..... Linefork
Parker, Jewell ..... Barbourville
Parker, Naomi E. ..... Corbin
Parrott, Lucille ..... Brock
Payne, Earl Ray ..... Flat Lick
Pembroke, Madlyn ..... Montpelier, Vt.
Perkins, James Conrad ..... Williamsburg
Powell, Betty ..... Barbourville
Reed, Jessie Marie ..... Lily
Reeves, Berneda ..... Otas
Rigsby, Lucy ..... Brodhead
Rogers, Ruth ..... Manchester
Saylor, Cleston ..... Brodhead
Shepherd, John Paul ..... Valley Station
Simpson, Anita ..... Frazer
Slusher, Dessie ..... London
Smith, Dorotha Louise ..... Sharpsburg
Smith, Jewell B. ..... Gray
Smith, Rachel ..... Insull
Taylor, Lois ..... Corbin
Turner, Richard ..... Martin
Tye, Virginia ..... Corbin
Valentine, Kathleen ..... Heidrick
Walker, Charles
Huntington, W. Va.
Warfield, Lovella ..... Barbourville
Warren, Prudie ..... Green Road
West, Mary ..... Pineville
Wilkerson, Ruth ..... Corbin
Williams, Pauline ..... Artemus
Wilson, Lola Elaine ..... Insull

SUMMARY OF ENROLLMENT

March 23, 1944

	NUMBER ENROLLED AS																	
	Freshmen			*Sophomores*			*Juniors*			*Seniors*			*Specials*			*Total*		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Summer Session—																		
First Term	3	11	14	3	12	15	2	15	17	5	12	17	1	2	3	14	52	66
Second Term	7	15	22	2	5	7	0	3	3	2	7	9	0	0	0	11	30	41
Extension	0	0	0	0	0	0	0	23	23	0	1	1	0	0	0	0	24	24
Total Enrollment Summer Session (Excluding Duplicates and Extension)	8	22	30	2	14	16	2	15	17	5	12	17	1	2	3	18	65	83
Fall Quarter—																		
Full-time Students	16	44	60	0	17	17	1	7	8	3	6	9	0	0	0	20	74	94
Part-time Students	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
Saturday Students	0	3	3	0	1	1	0	0	0	0	3	3	1	0	1	1	7	8
Extension	1	16	17	1	10	11	2	31	33	0	4	4	0	0	0	4	61	65

Winter Quarter—																		
Full-time Students	15	44	59	2	14	16	1	6	7	1	5	6	0	1	1	19	70	89
Part-time Students	0	3	3	0	1	1	0	2	2	0	0	0	0	1	1	0	7	7
Saturday Students	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	3	3
Second Term	1	5	6	0	8	8	1	5	6	1	1	2	0	0	0	3	19	22
Extension	1	3	4	0	1	1	3	18	21	2	6	8	2	3	5	8	31	39
Spring Quarter—																		
Full-time Students	10	55	65	2	25	27	1	19	20	2	6	8	0	1	1	15	106	121
Part-time Students	0	3	3	0	4	4	0	1	1	0	0	0	0	2	2	0	10	10
Total Enrollment Fall, Winter and Spring, (Excluding Duplicates and Extension)	20	65	85	2	31	33	2	20	22	3	12	15	2	3	5	29	131	160
Total for Academic Year (Excluding Duplicates)	25	93	118	6	50	56	8	77	85	8	26	34	5	10	15	52	256	308*

*The total enrollment is 100 less than normal, due to war-time conditions.

Full-time Student Equivalent: 147.02.

Memoranda

Memoranda

Memoranda

UNION COLLEGE

1945 BULLETIN 1946

"Go to College in Kentucky"

UNION COLLEGE, BARBOURVILLE, KENTUCKY
PRO DEO ET HOMINE
FOUNDED IN 1879

Accredited Recognition

Member of
Southern Association of Colleges
and Secondary Schools

Member of
Kentucky Association of Colleges
and Secondary Schools

Member of
Association of American Colleges

Member of
University Senate Methodist Church

Member of
Kentucky Association of Church-Related Colleges

Accredited as a Standard Four Year College by the University of Kentucky, by the Department of Education of the State of Kentucky, and by the University of the State of New York.

Union College
Bulletin

CATALOG ISSUE

1945-1946

VOL. VII, No. 2 (New Series) April, 1945

PUBLISHED QUARTERLY BY

Union College

Barbourville, Ky.

FEBRUARY, APRIL, JULY, AND OCTOBER

Entered as second-class matter at the post office at Barbourville, Kentucky, under Act of Congress, August 24, 1912.

Objectives of Union College

The over-all aim of Union College is to prepare efficient Christian leaders for a contemporary society. Certain limitations, either imposed by charter purpose or size of the college, channel its function. Liberal education with a positive Christian emphasis is a character requirement. Yet the traditions of Union vouchsafe freedom in the interpretation of liberal education to form a balance between general and vocational education: the purpose of general education being cultural and the purpose of vocational education being semiprofessional through a plan of field concentration of studies. The founding fathers used the word "Christian" without denominational or doctrinal bias, and purposed that young people from any or no denomination could live and work at ease in Union's atmosphere. But creedal tolerance is to be exercised in a program of positive Christian purpose on part of trustees and faculty to the end that through a laboratory of Christian living together of students and faculty and through the stimulation of a progressive Christian idealism as basic in a working philosophy of life the Christian way of life should be made meaningful and winsome to every student. There has been a clear, but unwritten, aim in Union's history that the college should not aspire to be large in enrollment but instead to be a small, senior college, achieving excellence in academic quality and homelikeness in the simplicity and directness of social relations on the campus.

Serving the needs of Union's area of location must be included in the program of action. Such a service is of two parts. First, there is recognition of special background needs of young people who enroll from Southeastern Kentucky. These problems may be social, economic, or personality adjustments that are distinctive, and must be adequately attacked by special consideration in curricular offerings, methods of instruction, social and health activities, and educational, religious and vocational guidance. Second, there is a service of the college to the community or area in which it is located. This will consist of leadership service of faculty and students through any community agencies where demand and cooperation may arise. Union College is related to the Methodist Church. While this fact should never mean any less service to young people of other or no denomination, it does imply a responsibility of the college to the sponsoring church organization. That responsibility is of two sorts: First, the sponsoring church should be able to rejoice in a highly effective Christianizing influence of the college upon the life of all students; second, the college must actively attract to the campus members of the sponsoring church and definitely guide the most promising of these to enlist in and prepare for professional church leadership.

1945

January

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
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September

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December

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CALENDAR FOR THE COLLEGE YEAR

1945-1946

SUMMER QUARTER — 1945

First Term

June 11, *Monday*—Registration for first term.
June 12, *Tuesday*—Classes begin.
June 16, *Saturday*—Last date to register for first term.
July 17, *Tuesday*—First term commencement.
July 18, *Wednesday*—First term ends.

Second Term

July 19, *Thursday*—Registration for second term.
July 20, *Friday*—Classes begin.
July 25, *Wednesday*—Last date to register for second term.
August 24, *Friday*—Second term commencement.
August 25, *Saturday*—Second term ends.

FALL QUARTER — 1945-46

September 22, *Saturday*—Faculty conference, 8:00 A.M.
September 23, *Sunday*—Dormitories open.
September 24, 25, *Monday, Tuesday*—Freshman orientation.
September 25, *Tuesday*—Local church receptions for students. Evening.
September 26, *Wednesday*—Registration.
September 27, *Thursday*—Classes begin, 8:00 A.M.
September 28, *Friday*—College convocation, 9:45 A.M.
October 10, *Wednesday*—Last date to register for fall quarter.
November 22, *Thursday*—Thanksgiving holiday.
December 10, 11, 12, *Monday, Tuesday, Wednesday*—Final examinations.
December 12, *Wednesday*—Fall quarter ends.

WINTER QUARTER — 1945-46

January 2, *Wednesday*—Registration for winter quarter..
January 3, *Thursday*—Classes begin, 8:00 A.M.
January 17, *Thursday*—Last date to register for winter quarter..
February 11, *Monday*—Special second term registration.
March 15, *Friday*—High-school Senior Day.
March 18, 19, 20, *Monday, Tuesday, Wednesday*—Final examinations.
March 20, *Wednesday*—Winter quarter ends.

SPRING QUARTER — 1945-46

March 25, *Monday*—Registration for spring term.
March 26, *Tuesday*—Classes begin.
April 9, *Tuesday*—Last date to register for spring term.
June 2, *Sunday*—Baccalaureate services at 10:30 A.M.
June 3, *Monday*—Annual meeting of Board of Trustees at 9:00 A.M.
June 4, *Tuesday*—Sixty-seventh commencement at 10:30 A.M.
June 6, 7, 8, *Thursday, Friday, Saturday*—Final examinations.
June 8, *Saturday*—Spring quarter ends.

SUMMER QUARTER — 1946

First Term

June 10, *Monday*—Registration for first term.
June 11, *Tuesday*—Classes begin.
June 15, *Saturday*—Last date to register for first term.
July 16, *Tuesday*—First term commencement.
July 17, *Wednesday*—First term ends.

Second Term

July 18, *Thursday*—Registration for second term.
July 19, *Friday*—Classes begin.
July 24, *Wednesday*—Last date to register for second term.
August 20, *Friday*—Second term commencement.
August 24, *Saturday*—Second term ends.

BOARD OF TRUSTEES

Term Expiring 1945

Alvis S. Bennett.....Hartford, Ky
J. L. Decell.....Box 2009, Jackson, Miss.
Henry M. Zimmerman.....2062 Reading Road, Cincinnati, Ohio

Term Expiring 1946

C. B. Cawood.....Harlan, Ky.
A. R. Perkins.....201 Mound Street, Harlan, Ky.
Mrs. Henry Pfeiffer.....New York City, N. Y.
S. L. Renfro.....Williamsburg, Ky.

Term Expiring 1947

T. W. Appleby.....2400 Reading Road, Cincinnati, Ohio
Milton A. Galbraith.....Camp Croft, South Carolina
Luther M. Walter.....2106 Field Building, Chicago, Ill.
J. W. Weldon.....Third Street at Guthrie, Louisville, Ky.
E. S. Woosley.....Louisville Trust Co., Louisville, Ky.

Term Expiring 1948

J. H. Richardson.....Maysville, Ky.
W. C. Stewart.....316 Prospect Avenue, Bellevue, Ky.
Kenneth H. Tuggle.....College Street, Barbourville, Ky.
J. Ralph Wood.....Hazard, Ky.

Term Expiring 1949

Harry E. Bullock.....Union Station Building, Lexington, Ky.
Joseph Edinger.....1580 Parsons Place, Louisville, Ky.
Sampson Knuckles.....Barbourville, Ky.
H. A. Sprague.....818 S. Kentucky Avenue, Evansville 13, Ind.
Bedford Turner.....Henderson, Ky.
C. E. Vogel.....Pikeville, Ky.

Term Expiring 1950

S. C. Rice.....931 North Ft. Thomas Street, Ft. Thomas, Ky.
Mrs. F. D. Sampson.....Sampson Hill, Barbourville, Ky.
C. N. White.....Barbourville, Ky.

Members Emeriti

C. B. Nordeman.....1650 Beechwood, Louisville, Ky.

Ex-Officio Members

Conway Boatman.....Baldwin Place, Barbourville, Ky.
W. T. Watkins.....1820 Casselberry Road, Louisville 5, Ky.

OFFICERS OF THE BOARD

Harry E. Bullock ..... *President*
S. C. Rice ..... *Vice-President*
Alvis S. Bennett ..... *Secretary*
James F. Blair ..... *Treasurer*

STANDING COMMITTEES OF THE BOARD

Executive—

C. Boatman, *Ex-Officio Chairman*
C. B. Cawood
C. N. White
K. H. Tuggle
Mrs. F. D. Sampson
S. L. Renfro

Finance—

K. H. Tuggle
A. S. Bennett
Bedford Turner
J. Ralph Wood
E. S. Woosley
Joseph Edinger

Endowment—

H. E. Bullock
L. M. Walter
H. M. Zimmerman
J. F. Blair
T. W. Appleby
K. H. Tuggle
E. S. Woosley

Buildings and Grounds—

Mrs. F. D. Sampson
J. H. Richardson
Sampson Knuckles
W. C. Stewart
S. C. Rice

Personnel and Policy—

H. A. Sprague
C. E. Vogel
J. W. Weldon
A. R. Perkins
W. T. Watkins
J. L. Decell

Development—

Mrs. F. D. Sampson
H. A. Sprague
W. C. Stewart
C. N. White
Milton A. Galbraith
Mrs. Henry Pfeiffer

ADMINISTRATIVE STAFF

Conway Boatman ..... *President*
Charles R. Wimmer ..... *Dean of the College and Registrar*
James F. Blair ..... *Treasurer*
Marvin Topping ..... *Director of Public Relations*
Frances Eichor ..... *Dean of Women*
Alleen Wilson ..... *Librarian*
Opal Luce ..... *Secretary to the President*
Ernestine Richardson ..... *Dietician*
*E. A. Bender ..... *Superintendent of Buildings and Grounds*
George A. King ..... *Superintendent of Buildings and Grounds*

*Resigned February 1, 1945.

THE FACULTY

CONWAY BOATMAN, A.B., B.D., M.A., D.D. (1938) Baldwin Place
President

CHARLES R. WIMMER, M.S., Ph.D. (1932) 403 College Street
Dean of the College
Professor of Chemistry and Head of Department of Physical Sciences
B.S., Allegheny College, 1923; M.S., Ohio State University, 1925; Ph.D., University of Cincinnati, 1932; graduate study, Yale University, 1928-1929; Columbia University, summer 1942.

WAYNE T. GRAY, M.A. Ph.D. (1930) 415 College Street
Professor of Sociology and Head of the Department of Sociology and History
B.S., University of Nebraska, 1922; A.M., University of Wisconsin, 1928; Ph.D., ibid., 1932. Summer School of Alcohol Studies, Yale University, 1944.

BYRON H. GIBSON, A.M., Ph.D. (1932) 411 College Street
Professor of English and Head of the Department of Languages
A.B., Birmingham-Southern College, 1928; A.M., University of Illinois, 1929; Ph.D., ibid., 1931.

**OTIS C. AMIS, M.A., Ph.D. (1942) 139 Pine Street
Head of the Department and Professor of Education and Director of Extension
A.B., Eastern State Teachers College, 1929; M.A., University of Kentucky, 1934; Ph.D., Cornell University, 1939; graduate study, George Peabody College for Teachers, 1930-31.

*JOSEPH B. JAMES, M.A., Ph.D. (1940) Sycamore Street
Professor of History and Head of the Department of History
B.A. in Education, University of Florida, 1934; M.A., ibid., 1935; Ph.D., University of Illinois, 1939.

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*On leave of absence for duration of war.

**Resigned, January 16, 1945.

*J. R. BACON, A.B., M.A. (1929) Knox Street
Professor of Physical Education and Head of the Division of Physical Education
A.B., Kentucky Wesleyan, 1926; University of Kentucky, 1939; six-weeks' summer term, University of Iowa, 1929.

DAVID WESLEY SOPER, A.B., S.T.B. (1943) 234 Sycamore Street
Francis Landrum Memorial Professor of Bible and Philosophy and Head of the Department of Bible and Philosophy
A.B., John B. Stetson University, 1934; S.T.B., Biblical Seminary in New York, 1938; graduate study, Drew University, 1939-1943.

HOMER E. ALDER, B.S., A.B., M.A. (1944) Owens Apartments
Professor of Biology and Acting Head of Department of Biology
B.S., Freemont Normal College, 1914; A.B., Nebraska Wesleyan University, 1920; M.A., University of Nebraska, 1924; graduate study, ibid., 1940-42.

KATHLEEN MOORE, A.B., M.A. (1937) Mitchell Apartments
Assistant Professor of Education and Acting Head of the Department of Education
A.B., Mississippi State College for Women, 1926; M.A., Teachers College, Columbia University, 1929; Teachers College, Columbia University, summer 1932; Ohio State University, summer 1940.

FRANCES EICHOR, B.S. in Education, M.E. (1943) Pfeiffer Hall
Dean of Women and Assistant Professor of Education
B.S. in Education, University of Missouri, 1937; M.E., ibid., 1941.

ALICE ROBERTSON SMITH, A.B., M.A. (1942) Pfeiffer Hall
Assistant Professor of Home Economics
A.B., Cumberland University, 1922; graduate work, University of Texas, 1925-26; George Peabody College for Teachers, summers 1931 and 1934; Music School of Potomac State College, 1929-32; M.A., Columbia University, 1942; graduate study, Columbia University, summer 1943.

ALBERTA L. BALMER, B.E., M.B.E. (1943) Speed Hall
Assistant Professor of Secretarial Science
B.E., Western Illinois State Teachers College, 1935; M.B.E., University of Kentucky, 1943; graduate study, ibid., summer 1943.

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*On leave of absence for duration of war.

ALDIS B. EASTERLING, A.B., M.A. (1943) College Street
Assistant Professor of Spanish and French
A.B., Lawrence College, 1912; M.A., University of Kansas, 1922; University of Chicago, summers 1924, 1925, 1927; University of Mexico, summer 1926; University of Wisconsin, 1931-35; six summer terms, 1920-1932; University of Paris, fall semester 1938; fall and spring semesters, 1939-40.

LEILA WILLIS POAGE, A.B., LL.B., M.A. (1944) Speed Hall
Assistant Professor of English and Speech
A.B., University of Kentucky, 1926; LL.B., Cincinnati Night Law School, 1934; M.A., University of Kentucky, 1937.

*FRANK K. BURGESS, A.B., M.A. (1935) Pine Street
Registrar
A.B., Union College, 1935; M.A., University of Kentucky, 1940.

ALLEEN WILSON, A.B., B.S. in L.S. (1943) Speed Hall
Librarian
A.B., Missouri Wesleyan, 1919; B.S. in L.S., University of Illinois, 1929; graduate study, University of Colorado, summer 1920.

PHILLIP I. PETERS, B.S. (1943) 219 Knox Street
Instructor in Mathematics and Physics
B.S., Union College, 1941; graduate study: University of Kentucky, summer 1943; Ohio State University, summer 1944.

MARY VIRGINIA PAGE, B.S. (1944) Black Street
Instructor in Physical Education
B.S., George Peabody College, 1943; graduate study, ibid., 1943.

WILLIAM M. WILSON, A.B., M.A. (1937) Pine Street
Assistant Professor of Education in Summer Sessions
A.B., New Mexico Normal, 1925; M.A., George Peabody College for Teachers, 1928; graduate work, ibid., summer sessions 1930 and 1931.

*CLEONA L. CASE, B.C., B.S. in L.S. (1941) Speed Hall
Catalog Librarian
B.S., University of Minnesota, 1901; B.S. in L.S., University of Illinois, 1928; Columbia University Library School, summer 1931.

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*On leave of absence for duration of war.

KATHERINE VAN DEUSEN SUTPHEN (1932) Speed Hall

Instructor in Piano and Art

Graduate, Soloist's Diploma, New England Conservatory of Music, Boston, Mass.; University of Illinois, summers 1919, 1920; organ under Dr. J. Lawrence Erb; University of Nebraska, summers 1921, 1922; University of Washington, D. C., summer 1924; Graduate and Certified Teacher of "Godowsky's Progressive Series."

ELMA A. RANDALL, A.B. (1942) Stevenson Hall

Personnel Adviser in Men's Dormitory and Instructor in Music

A.B., Albion College, 1909; graduate study, Albion College, 1909-10.

STUDENT ASSISTANTS

VIVIAN BLUNDELL.....Office of Public Relations

CHARLENE CAMPBELL .....Biology

ELIZABETH GREEAR.....Office of the Treasurer

ALYCE MARIE KILGORE.....Bookstore

KATHARINE MORGAN .....Chemistry

MAXINE MURPHY.....Office of the Dean

CRITIC TEACHERS—BARBOURVILLE CITY SCHOOLS

BERNICE HUGHES

A.B., Union College, 1934; graduate work: Western Kentucky State Teachers College, 1935; George Peabody College for Teachers, 1936; University of Cincinnati, summers 1937, 1938, 1939, 1941.

JAMIMA FREDERICK

A.B., Union College, 1933; graduate work: University of Kentucky, summer 1935.

T. J. JARVIS

A.B., Union College, 1927; graduate work: University of Kentucky, 1939-40, 1941-42, summers 1935, 1940, 1941.

Zella Pelly Jarvis

A.B., Union College, 1932; M.A.: University of Kentucky, 1942.

Amanda Hammond Mitchell

B.S., Union College, 1933; graduate work: University of Kentucky, summers 1934, 1935, 1940 and 1941.

Kathryn Parker

A.B., Union College, 1932; graduate work: University of Kentucky, summer 1938.

H. D. Tye

B.S. in Education, Union College, 1934.

Thomasina Reiser

A.B., Southeastern Oklahoma State College, 1928.

The College Girls' Chorus

HISTORY OF UNION COLLEGE

Union College was founded in 1879 by a group of progressive citizens of Barbourville, who formed a stock company and by donation secured the main part of the present campus. In 1880 the first building was formally opened on the site of the present Administration Building. Mr. A. H. Harritt, who was instrumental in the organization of the school, was its first Principal. The local group soon discovered that the debt for the new building was too great for them to carry, and accordingly, in 1886, the buildings and property were ordered sold by the court. The Rev. Daniel Stevenson, the President of Augusta Collegiate Institute at Augusta, Kentucky, took interest in Union College, and in 1886 purchased the property for the Board of Education, Kentucky Conference, Methodist Episcopal Church. He became the first President under the new management, and during his term was instrumental in enlisting the friendship of Mrs. Fanny Speed, who later left the College a legacy that guaranteed its permanence.

Dr. Stevenson ranks as one of Kentucky's foremost educators. He was graduated from Transylvania University when Dr. Henry Bascom was its President. As a member of the Kentucky Conference, Methodist Episcopal Church, South, he was one of the leaders who helped in founding Kentucky Wesleyan College, now located at Winchester, Kentucky. In 1863 he was elected the first full-time superintendent of public instruction in Kentucky and exercised a wide influence in popularizing public education throughout the state. He brought this mature experience to Union College and placed its objectives in clear view.

Upon the death of President Stevenson in 1897, the Rev. James P. Faulkner, a member of the first graduating class of Union College, was elected to succeed him. During the administration of President Faulkner the college came into possession of the bequest of Mrs. Fanny Speed, and from that time its expansion was marked. During the same administration Fanny Speed Hall and the Central Heating Plant were planned and the work on the buildings was begun. These buildings were not available for use, however, until the beginning of the next administration, that of Rev. James W. Easley, B.D., A.M., whose term of office began in 1905. During the summer of 1906 the Administration Building was struck by lightning and burned. One year later it was replaced, and Stevenson Hall, dormitory for men, was erected. The coming of the elective system and the broadening of the curriculum made a college program seem like an impossible task to those in charge. The college department was therefore discontinued in 1908, and for eight years the institution was maintained only as an academy and an elementary school.

Upon resignation of President Easley in 1910, the Hon. James D. Black, LL.D., of Barbourville, later Governor of Kentucky, became the fourth President of Union College. The two years of President Black's connection with the school are remembered as years of substantial growth.

For the next three years the school was under the leadership of President Percy L. Ports, who for several years had been Professor of Natural Science. He was followed in 1914 by the Rev. E. R. Overley, who served as Acting President. This was the critical period in which the nature of the work that Union Colloge should do in the future was being determined.

In 1914 the Board of Education of the Methodist Episcopal Church, through its corresponding secretary, Dr. Thomas Nicholson, became interested in Union College and assisted the Board of Education of the Kentucky Conference in planning for its future. The Rev. Ezra T. Franklin, elected President in the same year, worked in close co-operation with the Board of Education of the Methodist Episcopal Church and soon formulated a far-reaching and practical program. In 1919 the Memorial Gymnasium was built; in 1925 a home for the President was completed. A development program, inaugurated in 1921, helped to provide these improvements and materially aided in increasing the invested funds of the college.

In 1927 a bequest of $50,000 was received from the estate of Mrs. Obed H. Wilson for the establishing of a professorship known as the "Francis Landrum Professor of Ethics and Moral Conduct."

President Franklin severed his relationship with Union College November 15, 1928, to become President of Southwestern College, Winfield, Kansas. He was succeeded on February 1, 1929, by the Rev. John Owen Gross.

President Gross, from the beginning of his administration, emphasized the improvement of instruction and the building of a strong faculty. His ambition was to see Union College accredited by all the regional agencies. That his ambitions were reached is well shown by the acceditation the college now has. President Gross succeeded in improving the quality of work of Union College and in broadening the service to the area which the institution renders. During his administration, land adjacent to the campus was purchased, thus making possible further expansion of the college. A modern maintenance building housing the central heating plant, workshops, and several classrooms was erected during his administration.

President Gross resigned on August 20, 1938, to accept the position of President of Simpson College, Indianola, Iowa. He was succeeded on November 4, 1938, by Dr. Conway Boatman.

Under the leadership of President Boatman the college has continued to progress. In January, 1941, the college occupied its modern library, built for the purpose of taking care of the needs of the college in the future, as well as at the present time. In January, 1943, Pfeiffer Hall, a residence for young women, was completed and occupied. Other important features of President Boatman's administration have been the securing of an increase in endowment funds, and the equipping of secretarial science and home economics laboratories. From September, 1943 to January, 1945, the faculty of the college made a thorough self-survey of the college and its program. The survey resulted in the adoption of an extensive and progressive post-war program of action.

ACCREDITATION

In 1927 Union College was accredited by the University of Kentucky as a four-year college of A grade; in 1928 it was admitted to membership in the Association of Colleges and Universities of Kentucky; in 1931 it was accredited by the University Senate of the Methodist Episcopal Church; and in 1932 it was elected to membership in the Association of American Colleges. On December 1, 1932, its program for full accreditation was realized when it was made a member of the Southern Association of Colleges and Secondary Schools. The Board of Regents of the University of the State of New York placed Union College on its accredited list in 1937.

LOCATION

Union College is located in Barbourville, the county seat of Knox County, Kentucky, near the southeastern corner of the state. It is within thirty-five miles of the cornerstone of three states—Kentucky, Virginia, Tennessee. Barbourville is a town of about 2,500 population, located in a broad valley at the confluence of Richland Creek and the Cumberland River. It is surrounded by low hills of the Cumberland Mountain range. There are Baptist, Disciple, and Methodist Churches, and two accredited high schools, county and city. Barbourville is located on U. S. Highway 25E. Busses that make connections with points north and south pass through the town regularly. It is also on the Cumberland Valley Division of the Louisville and Nashville Railroad.

BUILDINGS

ADMINISTRATION BUILDING.—This building was erected in 1907 on the site of the one that was burned in 1906. It is a three-story structure of brick trimmed with Tennessee marble; it contains the various classrooms and laboratories, the chapel, and administrative offices. The ground floor also houses the kitchen and dining room.

SPEED ARTS BUILDING.—This building, which was formerly the Speed Hall Dormitory for women, houses the Fine Arts and the Practical Arts divisions. Music and art have their studios and the Home Economics division has its laboratories and classrooms in this building.

STEVENSON HALL.—The dormitory for men is a two-story brick building of colonial design. The rooms accommodate two students each. Some of the rooms have running water.

MEMORIAL GYMNASIUM.—This building was erected in 1919 as a Memorial to the Soldiers and Sailors of World War I. It contains a regulation basketball court, showers, lockers, and dressing rooms.

ABIGAIL E. WEEKS MEMORIAL LIBRARY.—Union's new library, which houses approximately 17,000 books, and receives regularly 290 periodicals, was opened for use January 13, 1941. A large reading room with space for 150 readers houses the reference books, current magazines, and bound periodicals. Books reserved for special class use are shelved in a smaller reading room on the second floor. In this room are also the books of fiction and the books given the International Relations Club by the Carnegie Corporation for International Peace. Well-equipped workrooms and tastefully furnished lounge rooms add to the efficiency and beauty of the building. The library was adequately furnished throughout by Mrs. Abbie E. Stewart, of Des Moines, Iowa, in memory of her husband, George B. Stewart.

PFEIFFER HALL.—In January, 1943, the new women's resident hall, Pfeiffer Hall, was completed and occupied. This modern, fireproof resident hall has capacity for 88 girls. This is a most delightful residence in all its appointments. In addition to bedrooms on the first floor, there are the large general parlor, the faculty and senior parlor, the kitchen and serving room, two guest rooms, four-bed hospital, and ironing room. On the second floor are the commodious lounge and play rooms. Student bedrooms are thoroughly furnished with new furniture, beautiful and comfortable. Four large general bath and lavatory rooms provide ample facilities without any crowding. Union takes pride in offering to women resident students living facilities second to none in the nation.

BALDWIN PLACE.—This part of the campus was made possible by the gifts of Mr. and Mrs. F. E. Baldwin, Elmira, New York. The President's home is located on this site.

MAINTENANCE BUILDING.—This building was erected in 1937. It is a two-story brick building that contains the central heating plant and college shops. The woodworking shop was equipped by a gift made from the estate of the late Robert Norton, of New Albany, Ind.

Campus Cottage.—This, the oldest building on the campus, a frame cottage of six rooms, was erected and occupied by Dr. Stevenson during his Presidency. It is now the residence of the college engineer.

CAMPUS

Union College is proud of its beautiful campus. The buildings, connected by concrete walks, are attractively placed among different varieties of native trees. The athletic field, lying immediately back of the gymnasium, contains about four acres and affords ample room for outdoor games. There are also four hard clay tennis courts and a baseball diamond.

LABORATORIES

The Departments of Biology, Physical Sciences, and the divisions of Home Economics and Commerce are adequately equipped for handling all the elementary and advanced undergraduate courses which are offered.

PUBLICATIONS

Union College Bulletin.—An official quarterly bulletin, the April issue of which is the catalog number. This bulletin is sent free on request.

Orange and Black.—This periodical is a monthly newspaper published by the students.

Union College News.—A publication intended to give friends of the college information concerning the progress of the institution.

Alumni Newsletter.—Published three times a year by the Alumni Association.

Stespean.—This yearbook is published by the students of the college under senior editorship.

ATHLETICS

Union College is a member of the Southern Intercollegiate Athletic Association. The college promotes athletics for physical development and as a vital part of the program of extracurricular activities. In intercollegiate competition the college is represented by varsity teams in basketball and tennis. In this war time, maintenance of varsity teams will depend on enrollment of men.

The program for intercollegiate sports emphasizes the protection of the best interests of the student athlete.

Union teams are noted for "clean" sport and winning record—hard to defeat. Sport for fun and character building are fundamental. The Union College basketball team was runner-up in the K. I. A. C. basketball tournament in 1941 and 1942.

Under the Division of Physical Education, schedules of intramural sports are conducted, including volleyball, playground ball, tennis, horseshoes, handball, and basketball. It is the aim of the college to provide some form of athletic activity for each student.

HEALTH

Through the Division of Physical Education, Union College attempts to give aid to all students in matters concerning their health. At the beginning of each year thorough physical examinations are given under the direction of physicians. This examination is compulsory. Individual conferences are held with all students whose examinations reveal any physical defects, and advice is given. The results of this examination are also used in determining what part students can take in the athletic and physical education programs.

Union College maintains free infirmary service for brief illnesses of two or three days. Since the College does not have the facilities for taking care of protracted illness of longer duration than a week, arrangements for further medical care must be made by the student or his parents.

When a physician is needed the patient may request the College Nurse to call a physician, whose fee is to be paid by the student, but such bills may be handled at the college business office by special emergency arrangements.

GENERAL REGULATIONS

STUDENT CONDUCT.—Each student is expected to conduct himself at all times according to the rules of good society. Restrictions and regulations have been reduced to a minimum, and these are intended to foster standards and ideals that emphasize the development of Christian character. Only young people who can work in harmony with the aim and purpose of Union College should apply for admission. In fact, students who are careless in conduct or wasteful of time and opportunity may be dismissed from the college.

SOCIAL LIFE.—The students are encouraged to accept every legitimate opportunity to engage in social affairs. The faculty appreciates the benefit and value growing out of well-directed social activity. Student organizations, the faculty, and local churches make desirable contributions to the promotion of social life. All social functions, hikes, and picnics are chaperoned and subject to the rules and regulations of the college. Chaperones must be approved by the Dean of Women

Residents of Pfeiffer Hall are allowed to receive visitors in the parlor by the permission of the Dean of Women, who may require the written consent of the parents whenever she may deem it necessary. Times for social privileges and events are designated.

RESIDENCE.—A student who does not live with his immediate family will be required to room in a college dormitory unless special permission is given by the administration. Request for such special permission should be made to the President.

Tobacco.—Since the use of tobacco is against the ideals of Union College, students are forbidden to use tobacco on the campus or in the dormitories except as provided in Stevenson Hall.

Intoxicating Liquor.—No intoxicating liquor shall be used by a student while he is enrolled in Union College. Any student violating this regulation will be required to withdraw from College.

Firearms.—Firearms of any kind are forbidden in the dormitories and on the campus.

Chapel Attendance.—All students are required to attend the regular chapel exercises of the college.

Church Services.—Each student is expected to attend the church school and services of the church of his choice.

STUDENT ORGANIZATIONS

The Union College Christian Association.—A union of the Y.W.C.A. and the Y.M.C.A. which has for its objectives the following:

To enable its members to live a richer life through a growing knowledge of God and a deeper understanding of Jesus Christ, His Son.

To sponsor good-will projects throughout the year.

To co-operate with other campus organizations in order to promote fellowship and social activities.

The U.C.C.A. sponsors the college vesper service each Thursday evening.

All students in the college are eligible for membership in the U.C.C.A.

Playlikers Club.—This club presents the college dramatic productions. It is devoted also to the study of drama. Membership is open to all students who are interested in dramatics.

Alpha Psi Omega.—Union College maintains a chapter of Alpha Psi Omega, national honorary dramatic fraternity. Students who excel in dramatics are chosen for membership.

College Chorus.—This organization is composed of those who enjoy singing. Throughout the year the group makes a number of public appearances before college and community audiences.

Oxford Club.—This is an organization of the young men who are anticipating the ministry as their life work.

Oxford Club Auxiliary.—An organization of students who intend to devote their lives to unordained Christian service.

Beta Chi Alpha.—This is a sorority which stresses social and cultural development.

ZETA SIGMA PI.—The Union College chapter of this national organization is an honorary Social Science fraternity and its membership is open to majors and minors of this department who show special ability.

SECRETARIAL SCIENCE CLUB.—This Club is open to all students who are enrolled in one or more courses in the Division of Secretarial Science.

FUTURE TEACHERS OF AMERICA.—The John Owen Gross Chapter. The Future Teachers of America is a national organization sponsored by the National Education Association. The local chapter is sponsored by the Department of Education.

SCIENCE CLUB.—A club organized by those who are interested in modern science.

HOME ECONOMICS CLUB.—A club sponsored by the Division of Home Economics.

ART CLUB.—Art service to the college and community is the aim of this club. Presenting of exhibits and assisting in stage decorating are major activities. Interest in applied art is the only requisite for membership.

LA TERTULIA.—This club endeavors to present to its members various phases of Spanish and Spanish-American civilization and to provide further opportunity for hearing and speaking Spanish.

LE CERCLE FRANCAIS.—The purpose of this club is to further the interest of the student in the contributions of France to world progress and to provide opportunity for hearing and speaking French.

COLLEGE EXPENSES

The academic year of nine months is divided into three quarters. The rates quoted below are for one quarter. The cost for regular session of nine months can be found by multiplying a quarter's expenses by three.

Registration Fee	$ 20.00
Tuition	35.00
Room and Board*	75.00
	$130.00
Non-Boarding Student	$ 55.00

*Vacation periods are not included in this quotation. Also, the college reserves the right to increase the rate for table board without notice if war conditions greatly increase the cost of foods. Only extreme conditions will make this necessary.

Students enrolling for less than ten quarter hours will not be required to pay a registration fee unless enrolled in Secretarial Science but will pay tuition rate of $4 per quarter hour.

The cost of individual meals for transients is as follows: Breakfast 30 cents; luncheon or dinner 35 cents.

Expenses for the summer quarter are quoted in the Summer Session Bulletin.

TERMS OF PAYMENT

The business office requires that payment of one full quarter be made in advance and at the time of registration. The privilege to pay by installments can be granted only by special application to the business manager and such arrangements should be made by those desiring to pay by installments prior to the day of registration. A carrying charge of $2 per quarter for non-boarding students and $4 per quarter for boarding students will be added to the bills of those who pay by the installment plan.

Final examinations will be withheld from students who have any bills unpaid for that quarter at the beginning of the quarter examinations. This rule will be strictly adhered to, and both the students and family should understand it before registration.

If a student withdraws during a quarter and requests refund for advance payments, the following rule will determine the amounts refunded:

1. Room and board and tuition will be refunded in full amount unused to date of withdrawal. Full week is charged for fraction of week.

2. No fees are returnable.

SPECIAL FINANCE REGULATIONS

The following special fees are charged to persons who incur them:

A second transcript of credits (one week's notice required)	$ 1.00
One day late registration fee	2.00
**Two days late registration fee	2.00
**Three or more days late registration fee	3.00
Change in schedule fee	1.00
Special examination fee	1.00
Supervised Student Teaching fee for each course	8.00
Tuition for students taking less than ten quarter hours (per quarter hour)	4.00
Dormitory caution deposit per quarter (returnable if nothing is broken or lost)	3.00
Chemistry caution deposit per quarter (returnable if nothing is broken or lost)	1.00
Office machines and typewriter fee (per quarter)	2.00
Laundry fee at Pfeiffer Hall per quarter	1.00
Graduation fee (for academic degrees)	10.00
Graduation fee (for Secretarial Science Diplomas)	5.00
Graduation in absentia fee	10.00
Home Economics fee per quarter	3.00

Special tuition in piano, voice, violin, or other orchestral instruments:

Two half-hour lessons per week for one quarter	20.00
One half-hour lesson per week for one quarter	12.00
Two quarter-hour lessons per week, for children, one quarter	7.00
Use of piano per quarter	3.00

STUDENT AID

1. WORKSHIPS

The college seeks to employ as many students as possible for service jobs on the campus. Such jobs consist of stenographic work in college offices, science laboratory assistance, service in the dining room and kitchen, in the library, the repair shop, printing shop, and on the campus. Each job is organized on the basis of so many hours per week of service, and the remuneration is 25 cents per hour uniformly for all jobs of student service. Each job is under

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**Teachers whose schools are still in session at time of registration will not be charged late registration fees.

the supervision of a faculty member or employee who supervises the student work and makes monthly time report to the business office where credit on the hour basis is entered on the student's account. For unsatisfactory work or attitude the Director of Student Labor will withdraw the assigned job without notice and require a cash payment as a substitute the remainder of the quarter. Also a student worker must maintain a "C" average in his academic record in order to be continued on a service job.

Applications for service jobs may be received any time and a tentative assignment for service jobs may be made before registration date. But in most instances specific job assignments are usually made the week of registration for all who have previously been assigned student work in a general way without specific job assignment. A workship deposit of $2 is required for the reservation of work aid (as is the requirement for aid of any character) which will not be returned should the applicant not enroll in the college; but on registration will be applied on the student's regular expense account.

There are three sizes of workships: a $125 job requiring about fifteen hours of service per week the college year; a $100 job requiring about twelve hours of service per week the college year, and a $75 job requiring about nine hours of service per week the college year.

2. HONOR SCHOLARSHIPS

A fund of $2,000 for HIGH SCHOOL VALEDICTORIANS is set aside to be awarded in either $100 or $50 scholarships. Scholarships of $100 value will be awarded valedictorians who come from Class A high schools. Scholarships of $50 value will be awarded valedictorians who come from high schools not on the Class A list.

THE EMMA C. HAMMEL MEMORIAL SCHOLARSHIP.—Mr. Mervin J. Hammel of Indinapolis, Ind., in memory of his devoted wife, who died January 7, 1942, provides this memorial scholarship. The award is made to a girl and provides for all expenses of room, board, tuition, and regular fees for a four-year period. The recipient must evidence high scholarship, strong character, and the purpose to complete a college education at Union College without any delay. Nell Garret is the present recipient.

THE R. W. MILLER, JR. MEMORIAL SCHOLARSHIP.—Mr. and Mrs. A. G. Hartman of St. Petersburg, Florida are providing a full scholarship of $390 as a memorial to their grandson, Private First Class R. W. Miller, Jr. who was reported killed in action in Belgium, January 12, 1945. This scholarship will be assigned to a worthy and promising student for the college year 1945-46.

3. GRANTS

MINISTERIAL AND FULL-TIME COLLEGE EMPLOYEE GRANTS.—By action of the Board of Trustees of the College, student ministers who are licensed to preach, the children of ministers in good standing, who are employed full time in the service of the church and are dependent on the income of such services, and the children of full-time college employees may receive a grant covering half tuition, provided other form of aid is not being received. For a full-time student this will mean a grant of $17.50 per quarter. However, this grant is not applied in an automatic manner. The applicant must have a satisfactory academic and conduct record in the past and will come under the general rule of the "C" average requirement for the continuance of aid after it is granted.

THE REV. JOSHUA S. TAYLOR AND MRS. ELIZABETH TAYLOR, of Middlesburg, Kentucky, left to Union College the sum of $3,100, the income of which is to be used to help some needy young man studying for the ministry in the Methodist Church of Kentucky.

The late JOHN A. BLACK, one of the founders of Union College, left $5,000 to the college, the income to be used for grants for young people who are preparing for some form of Christian work.

4. LOANS

THE BOARD OF EDUCATION of The Methodist Church appropriates a small amount each year from the Methodist Student Day offering to lend to worthy students who are members of The Methodist Church.

THE ELIZABETH GATES MEMORIAL LOAN FUND was established in 1930 by Mrs. Waldo Brown, of Knoxville, Tennessee, in memory of the mother of John B. Gates, a former student at Union College.

Dr. Guy G. Williams, of Cleveland, Ohio, in memory of his wife, ANNA G. WILLIAMS, established a memorial loan fund in 1934. Students who have spent two years in Union College and whose scholarship is "C" average or above, and whose character indicates dependability in returning the loan, are eligible to receive loans from this fund. The amount of funds available varies year by year according to the contributions of the donor.

KING LOAN FUND.—Reverend and Mrs. Erwin King have provided a revolving loan fund of $3,500 to aid worthy ministerial students in their junior and senior years. To qualify for this loan students must possess high qualities of character and scholarship. About $700 of this fund will be available each year.

All scholarships, grants, workships or loans are awarded through application made to the President of the College. Such applications for aid should be received at the President's office well before the registration dates and require an advance deposit of $2 as an aid

reservation fee which, if the applicant does not enroll will not be returned, but on registration will be credited to the student's expense account. The Board of Education loan is the single exception to reservation deposit.

STANDARDS FOR STUDENTS RECEIVING FINANCIAL AID

Only students whose scholarship, training and ability indicate leadership and promise for future usefulness and who have an actual need may be given financial assistance in the form of scholarships, workships, or loans. Students who have been granted financial aid must maintain an average scholastic standing of at least "C" (standing of 1.00) in order to remain eligible for financial aid. This average scholastic standing is based on all college hours for which a student has registered since he entered Union College.*

If at the end of any quarter a student does not meet the above conditions he will not be eligible to receive financial assistance.

A student who fails to meet this requirement may become eligible when he has raised his standing to a "C" (standing of 1.00).

Quarter hours and quality points made during summer sessions will not be counted in determining the eligibility for continuance of financial aid until a student has completed sixty-six quarter hours in residence at Union College.

Students receiving financial assistance of any kind from the college may at any time be deprived of that aid if they are negligent in the performance of their duties or if they are careless in their conduct.

BOARDING STUDENTS' OUTFITS

Boarding students should bring the following articles: Pillow slips, sheets, pair of blankets, quilt, counterpane, towels, face cloths, and covers for dressers. Beds are single.

ADMISSION

All applicants for admission to Union College must present satisfactory evidence of their previous academic training and of good character. Blanks for application for admission and for transfer of high school units may be secured by writing to the Dean of Union College. It is not possible to classify students accurately or to arrange a satisfactory and well-integrated program unless certified entrance units and official transcripts of previous college work are on file at the college before registration. Transcripts brought by students are not considered as official. Applicants who

*This rule, however, does not apply to freshmen during their first quarter. During the first quarter of the freshman year, a student must make an average of .75 to be eligible for continuance of aid the second quarter. To be eligible for aid the first quarter of the sophomore year a student must make a standing of 1.0 for the third quarter of the freshman year or have a quality point standing of 1.0. At the end of the first quarter of the sophomore year, continuance of aid requires a standing of 1.0 on all college hours for which he has registered at Union. See page 33 for definition of Quality Point Standing.

are accepted will be classified, depending upon previous training, as freshmen, as students with advanced standing, or as special students.

ADMISSION TO FRESHMAN CLASS.—An applicant for admission to the freshman class must submit fifteen units of standard high school work. Three of the fifteen units must be in English. Seven additional units must be in the recognized academic subjects. The remainder may be in vocational subjects.

Applicants who have earned at least fifteen units of high school work which are satisfactory for entrance may be admitted by one of the following plans

1. *Admission by certificate.*—Graduates of high schools in Kentucky that are accredited by the Association of Colleges and Universities of Kentucky, and graduates of high schools of other states that are accredited by some recognized agency, are admitted to the freshman class without examinations.

2. *Admission by examinations.*—Applicants who are graduates of non-accredited high schools, and applicants who submit a minimum of fifteen credits from accredited high schools but who are not graduates, are required to pass entrance examinations.

ADMISSION TO ADVANCED STANDING.—Applicants who desire admission with advanced standing must present credits from an accredited junior college or from a standard college or university. The transcript of credit must show that the applicant has been honorably dismissed and that entrance requirements of Union College have been met. The credit to be allowed and the classification given will be determined by the Dean in conference with the heads of the departments concerned. All credit allowed is tentative until the candidate has proved himself capable of pursuing the advanced courses entered.

ADMISSION AS A SPECIAL STUDENT.—It is very desirable that all students continue their studies to graduation. Even when a students does not expect to graduate, it will usually be wise to pursue one of the regular courses while in College. Irregular selection of studies will not be permitted without good reason. However, applicants who are persons of mature years, who give evidence of well-defined purpose, and who desire to pursue some special line, or lines, of work, without becoming candidates for a degree, may be admitted as Special Students. Such students are subject to the same regulations as other students with regard to the quality of work done and attendance upon College exercises.

Admission of Veterans and Evaluation of Armed Services Credit.—Union College will follow the recommendations of the American Council of Education in its evaluation of armed service credits. This affords a uniform policy which is being followed by colleges and universities throughout the country. Men and women of the armed services who are interested in entering Union College are invited to have the United States Armed Forces Institute of Madison, Wisconsin send their credentials to the Dean of Union College for evaluation.

FRESHMAN INSTRUCTION AND REGISTRATION

All members of the freshman class must be present at 9 a. m., Monday, Sept. 24, 1945. A program of vital interest to all beginning students will be held on September 24 and 25. At this time problems peculiar to beginning students will be considered. Some of the topics discussed will be "How to Study," "How to Budget Your Time," "The Transition From High School to College," and "What to Expect From a Program of Christian Education." The faculty of the College will be present to aid students in registering and offer advice in choosing courses.

CHAPEL AND CLASS ATTENDANCE

1. Regular attendance in all classes and chapel is required.
2. Students will be held responsible by the instructor for all work missed because of absence. Final class marks will not be given unless the work missed is made up satisfactorily.
3. Unexcused absence from classes preceding or following holidays or regular vacations shall receive double penalty. This rule applies to first and second consecutive absences preceding or following holidays or vacations.
4. Three unexcused tardy attendances shall be considered equivalent to one unexcused absence and shall be reported as such. Excuses for tardy attendance may be granted only by the instructor.
5. A student who has a reasonable excuse for class and chapel absences may state his excuse in writing on the form provided in the dean's office. If the excuse is acceptable, no penalty is imposed for the absence.
6. A student shall be penalized by the reduction of the total number of quality points he has earned by one quality point for each unexcused class absence. Unexcused chapel absences will be permitted to the extent of the number of times chapel is held in one week without penalty. Unexcused chapel absences in excess of this number will be penalized the same as unexcused class absences.

7. Absences incurred by students while representing the college or while on class observation trips shall be excused on recommendation by a faculty member.
8. Excuses for absence must be filed in the dean's office within one week after the student's return to school.
9. Students who are absent from a test must take a special examination or receive a grade of zero in that test. A fee of one dollar is charged for each special test unless the absence is due to representing the college.

EXAMINATIONS AND REPORT OF MARKS

Examinations are held at the close of each quarter. Tests are held at various times during each quarter as the instructors may determine. Final marks are reported by the instructors to the Registrar. A copy of this report is given to the student, and a copy is sent to his parents. Only the final marks become a part of the permanent record. Test and examination marks together with the daily marks constitute the final mark.

THE MARKING SYSTEM AND QUALITY POINTS

Marks are reported in letters as follows:

A.—Represents distinctly superior work, valued at three quality points for each quarter hour.

B.—Represents superior work, valued at two quality points for each quarter hour.

C.—Represents average work, valued at one quality point for each quarter hour.

Cr.—Indicates that a course for which no accurate grade can be given has been passed satisfactorily.

D.—Represents unsatisfactory but passing work, valued at 0 quality points.

E.—A condition incurred at the end of any quarter must be made up during the next quarter that the student is enrolled or within one year if he does not enroll within that year. If the student enrolls in a course which requires the passing of the conditioned course as a pre-requisite, the condition must be removed within two weeks of the beginning of the quarter.

F.—Indicates failure with 0 credits and 0 quality points. This mark cannot be removed or changed except by repeating the course. The hours of "F" will be counted in figuring quality point average.

I.—Indicates that some required work of the course has not been completed. The same regulations for removal of a mark of "E" apply for the removal of a mark "I," except as follows,—

A student who does not take final examinations at the end of a quarter will be given temporary registration in the next quarter for a period of two weeks. If all arrangements for taking final examinations are made within the two weeks, the temporary registration will be removed. If arrangements for the final examinations are not made, the student's registration will be cancelled at the end of the two weeks. All final examinations for courses which are pre-requisite to courses for which the student may be enrolled the next quarter, must be taken by the end of the two weeks. Failure in any of these prerequisite courses will cancel the student's enrollment in an advanced course. All final examinations must be completed within eleven weeks after a student's registration for the next quarter in which he enrolls or within 1 year if he does not enroll within that time.

A student who does not take final examinations at the end of the third quarter or either summer term must arrange for and take the examinations which he has missed before the first day of the first quarter of the school year following.

W.—A mark of "W" is given for any course dropped during the first three weeks of any quarter. If a student withdraws from a course after the third week, a mark of "W" is given if he has a passing mark at the time of withdrawal. If a student withdraws from a course after the third week, a mark of "WF" is given of he does not have a passing mark at the time of withdrawal. The mark of "WF" carries the same penalties as the mark of "F" described above. A student cannot at any time after registration withdraw from a course except by permission from the Dean, and after the first week of the quarter, permission must also be secured from the instructor of the class.

QUALITY POINT STANDING

The quality point standing of a student is determined by dividing the total quality points which he has earned by the total number of quarter hours for which he has registered.

SCHOLASTIC REGULATIONS

If at the completion of the first forty-five registered quarter hour a student does not have a standing of .34, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

If at the completion of ninety registered quarter hours a student does not have a standing of .67, he may not be permitted to enroll in Union College for one year, nor thereafter without special permission of the faculty.

CLASSIFICATION

For Sophomore and Junior classification at the beginning of the school year, a student must register for sufficient work to have a total of 84 and 135 quarter hours credit respectively at the end of the school year. For Senior classification a student must register for sufficient work to have a total of 190 quarter hours at the end of the school year or summer session.

STUDENT LOAD

The average amount of work regularly required of each student is sixteen quarter hours, including physical education. No student may register for more than eighteen quarter hours. .

GENERAL REGULATIONS GOVERNING EXTENSION

Not more than 18 quarter hours of extension work done in one academic year will be accepted by the College except by special permission from the Dean. Not more than one half the courses in a major may be done by extension. As the last 45 quarter hours of the College course must be done in residence in this institution by all students who are candidates for a degree, permission from the Dean must be had to carry extension courses during the senior year.

No more than 45 quarter hours of extension work will be accepted toward a degree from Union College.

No credit will be given for any extension work taken while the student is enrolled in Union College or in any other institution unless permission is obtained from the Dean. In no case will more than 75 quarter hours earned during one calendar year be accepted. Permission for this maximum must be granted by action of the faculty.

Failures or quality point deficiencies in any course made in residence cannot be removed by extension work.

Students who enroll for extension work and later enter for full-time resident courses shall discontinue their extension work until the period of residence is ended.

Four quarter hours during a quarter are considered a full load for persons who are teaching.

REQUIREMENTS FOR GRADUATION

Union College grants the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education. Candidates for all degrees must satisfy the following general requirements:

1. Minimum of 190 quarter hours, the last 45 of which must be earned in residence at Union College.*

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*Students who have earned as many as seventy-five quarter hours at Union College may graduate with only the last thirty hours earned in residence. For any number of hours less than thirty special permission must be obtained.

2 Quality point standing of 1.00.

3. Bible and Philosophy.—Three courses approved by the Dean and Head of the Department, one course of which must be taken during the freshman or sophomore year.

4. *Biology or Physical Science.*—Sixteen quarter hours, twelve of which must be in the same laboratory science.

5. *Education.*—General Psychology: Four quarter hours.

6 *English.*—Composition: Nine quarter hours. English Literature: ten quarter hours.

7. *History.*—Eight quarter hours.

8. *Physical Education.*—Required of all students.

9. *Sociology.*—Two courses, one of which must be either Soc. 33, or Soc. 36.

Advice in arranging schedules and choosing courses is always given gladly. However, each student personally is responsible for completing all requirements for degrees as listed under each degree.

Seniors who intend to receive their degrees at the end of the third quarter must apply for their degrees on or before April 15. Seniors who intend to receive their degrees at the end of the summer session must apply for their degrees at registration.

THE DEGREE OF BACHELOR OF ARTS

In addition to the general requirements a candidate for the degree of Bachelor of Arts shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Bible and Philosophy, English, Spanish, History, Sociology, Biology, Chemistry, Mathematics or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from the fields of concentration listed above or Music may be chosen.

3. Foreign Language.

(a) Eighteen quarter hours in the same foreign language for those who present for entrance one unit or less in the same foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE

In addition to the general requirements a candidate for the degree of Bachelor of Science shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Biology, Chemistry, Physical Science, Mathematics, or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from Biology, Chemistry, Mathematics, or Home Economics. The other minor may be chosen from this list or from Bible and Philosophy, English, History, Music or Sociology.

3. Foreign language.

(a) Eighteen quarter hours in the same foreign language for those who present for entrance one unit or less in a foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

A student who completes the general requirements and the requirements for the Provisional High School Certificate as issued by the Kentucky State Department of Education, but who does not choose to complete the language requirements for an A.B. or B.S. degree, will be granted the degree of Bachelor of Science in Education.

A student who completes the general requirements and the requirements for the Standard Elementary Certificate as issued by the Kentucky State Department of Education and in addition completes two minors will be granted the degree of Bachelor of Science

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*The requirements for majors and minors are listed under the respective departments of instruction.

In Education.* One minor shall be English or Social Sciences. The other minor shall be Biology, Chemistry, English, or Social Studies. All majors and minors shall be declared by the student at the beginning of his junior year.

DEGREES WITH DISTINCTION

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the Commencement program. There are three grades of honors designated respectively: *cum laude, magna cum laude and summa cum laude.* These honors are conferred at graduation upon students who satisfy the following conditions of scholarship:

The honor of *cum laude* is awarded to those students who have earned an average standing of 2 (or B) in all their college work.

The honor of *magna cum laude* is awarded to those students who have earned an average standing of 2.5 in all their college work.

The honor of *summa cum laude* is awarded to those students who have earned an average standing of 2.8 in all their college work.

Students coming from other colleges may receive general honors on completing two years of resident study and satisfying the conditions of scholarship prescribed by the Faculty, provided they furnish also such evidence of high scholarship in the institution from which they come as may, in the judgement of the Faculty, entitle them to become candidates for honors under the regulations.

As a reward for excellence in scholarship and to promote diligence in study and encourage high ideals, the honorary scholastic fraternity of Iota Sigma Nu was founded on May 26, 1936. Membership is open upon election to:

(a) All who have met the requirements for graduation with honors.

(b) All students who, at the end of the second quarter of their junior year, have a quality point standing which if maintained will graduate them with the honor of *magna cum laude* and who have completed a minimum of two years in residence at Union College.

PRIZES

Five scholarship prizes are awarded annually. Iota Sigma Nu awards medals to the freshman and sophomore who make the highest scholastic averages in their respective classes for the year. The families of the late Governor James D. Black and H. E. Bullock give

*The requirements for majors and minors are listed under the respective departments of instruction.

cash prizes annually to seniors and juniors, respectively, making highest scholastic standing. The faculty awards a medal to the varsity letter man making the highest scholastic average for the year.

Cash prizes are awarded each year to winners of the annual public-speaking contest. A gold medal also is awarded by Senator J. M. Robison, of Barbourville, Ky., to the winner of the annual declamation contest.

The John W. and Sarah Hughes History Award is given each year to the student showing the greatest excellence in the field of history. The money for this award (ten dollars in cash) is furnished by Mr. and Mrs. John W. Hughes, Barbourville, Ky.

The Burke Mathematics Award is given each year to the student showing the greatest excellence in the field of mathematics. The money for the award (ten dollars in cash) is furnished by Dr. A. R. Burke.

PLACEMENT SERVICE

The College maintains a placement service for its graduates who are seeking positions, and school boards and superintendents who are seeking teachers. Superintendents and boards of education are invited to visit the College, to make use of this service in looking for teachers, and to meet applicants in whom they are interested.

UNION COLLEGE AND THE WAR EMERGENCY

Union College recognizes its responsibility in aiding the nation to achieve total victory. It realizes that sacrifices must be made and that great efforts must be put forth in the training of our young men and young women—first, to aid their country to the best of their ability in time of war and second, but of no less importance, to aid their country in the peace that is to come.

To accomplish practical results in aiding the victory efforts of the nation, the following program has been adopted by the College:

1. To accelerate our program to enable students to attend college eleven months of the year and thus to complete all requirements for a degree in three years.

2. To offer courses in mathematics and science in the summer schools to enable students, either graduates or undergraduates, to satisfy the requirements for entrance to Officer's Training School of our Army and Navy.

3. To grant proportionate credit for time attended to students who might be forced to withdraw because of induction into the service.

4. To offer courses which will inform the student concerning the fundamentals of democracy and give him a background which will enable him to understand the reasons for our participation in the present world conflict.

5. To inform all students concerning health and its maintenance and to require physical activities of all students in order to promote and maintain health and physical vigor.

SUGGESTED CURRICULA

Students should plan carefully their college work, keeping in mind the general requirements for degrees and their vocational or professional interest. The College officials are glad to aid students in planning curricula to meet specific needs. The following curricula are suggested:

GENERAL COLLEGE CURRICULUM LEADING TO A.B. OR B.S. DEGREE.—Students who have not made a vocational or professional choice and students who expect to enter a professional school which requires a general college education are urged to take this General College Curriculum leading to the A.B.or B.S. degree. By careful selection of major and minor fields and of elective courses this curriculum can be adjusted to the student's individual needs.

FRESHMAN YEAR

First Quarter

Bible .....5 hrs.
English Composition.....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
Spanish .....3 hrs.
French .....3 hrs.
Mathematics ....5 hrs.
Physical Education.....1 hr.

Second Quarter

General Psychology.....4 hrs.
English Composition.....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
Spanish .....3 hrs.
French .....3 hrs.
Mathematics ....4 hrs.
Physical Education.....1 hr.

Third Quarter

English Composition.....3 hrs.
Science:
Chemistry .....4 hrs.
Biology .....4 hrs.
Elective:
Spanish .....3 hrs.
French .....3 hrs.
Mathematics . ..5 hrs.
General Elective.....4 or 5 hrs.
Physical Education.....1 hr.

SOPHOMORE YEAR

First Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Elective:
Spanish .....3 hrs.
French .....3 hrs.
Bible.....3 or 5 hrs.
Mathematics ....5 hrs.
Physical Education.....1 hr.

Second Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Spanish .....3 hrs.
French .....3 hrs.
Bible.....3 or 5 hrs.
Mathematics ....5 hrs.
Physical Education.....1 hr.

Third Quarter

History .....4 hrs.
Science:
Chemistry .....5 hrs.
Biology .....5 hrs.
Physics .....4 hrs.
Elective:
Spanish .....3 hrs.
French .....3 hrs.
Bible.....3 or 5 hrs.
Mathematics ....5 hrs.
General Elective, 3, 4 or 5 hrs.
Physical Education.....1 hr.

PRE-PROFESSIONAL CURRICULA.—Union College strongly recommends to all students who plan to enter a professional school the General College Curriculum of four years.

Students who plan to take a three-year pre-medical course will find that the following program meets the requirements of most medical schools:

FRESHMAN YEAR

English Composition ..... 9 hrs.
Elementary French or Spanish..... 9 hrs.
Inorganic Chemistry .....12 hrs.
Trigonometry ..... 5 hrs.
College Algebra ..... 5 hrs.
General Psychology ..... 4 hrs.
Bible ..... 5 hrs.

49 hrs.

SOPHOMORE YEAR

General Biology .....12 hrs.
Chemistry (Qualitative Analysis)..... 4 hrs.
Chemistry (Quantitative Analysis)..... 8 hrs.
General Physics .....12 hrs.
History ..... 8 hrs.
Electives ..... 4 hrs.

48 hrs.

Junior Year

Organic Chemistry	12 hrs.
Embryology	5 hrs.
Comparative Anatomy	5 hrs.
Sociology	8 hrs.
Economics	4 hrs.
Electives	14 hrs.
	48 hrs.

Students planning to take the Bachelor's degree before entering medical school should consult the Dean before registering.

Other specific curricula are not suggested since the requirements of professional schools vary. However, provision will be made for students who wish to pursue the following curricula:

1. Pre-dental.
2. Pre-legal.
3. Pre-engineering.
4. Pre-technician.
5. Pre-nursing.

In planning such programs, consideration will be given to the professional school which the student expects to enter.

Pre-ministerial Training

In view of the increasing demand that candidates for the ministry have advanced professional training, it is strongly recommended that all pre-ministerial students plan to enter a theological school upon completion of the liberal arts course.

In planning his curriculum, the student is urged to take advantage of the opportunity for broad cultural training provided at Union College in the Sciences, Literature, and Social Science. At the same time, at least a minor in the department of Bible and Philosophy is suggested as a basic foundation for later specialization. Personal counsel with the head of this department is open to every ministerial student in the building of his curriculum.

For those who cannot take further work and for whom Union College must furnish the major part of their training, intensive work in the department of Bible and Philosophy is advised, including, if possible, all of the courses offered.

The Oxford Club for ministerial students as an extracurricular activity is a valuable adjunct in their training at Union College. Here, sermons and the art of ministering are studied, and active participation in Gospel team work is provided.

CHRISTIAN WORKERS' CURRICULUM

In recognition of the increasing demand for trained young men and women as full-time Christian workers in the unordained ministries of the local Church, to serve in the combined capacities of pastor's assistant, director of youth work, director of Christian education, and Church secretary, a specific four-year course of study has been arranged, using the facilities of all College Departments and Divisions. This course of study is designed to meet the basic needs of students who wish to go directly into full-time Church positions without graduate work, as well as of students who will seek higher degrees.

Numerous appeals from leading pastors for trained but unordained Christian workers have called this program into being. Pastors are urged to file with the College Placement Service their applications for specially recommended personnel.

A major is required in one of the following fields: Bible and Philosophy, English, or Sociology; minors are required in the two fields not chosen as a major.

Special training for an understanding of the organization and administrative procedure in each student's own Church, of whatever denomination, is included by special assignment in study and survey within the Bible and Philosophy curriculum;—thus the future Christian worker receives completely individualized training in the operation of his or her own particular denomination.

The courses which follow are designed to complete a regular Bachelor of Arts degree, meeting all general requirements, but with work specially selected for trained Christian service.

FRESHMAN YEAR

English Composition	9 hrs.
General Biology	12 hrs.
Basic Christian Ideas	5 hrs.
Gospel and Its Historical Background	5 hrs.
Life and Writings of Paul	5 hrs.
Typewriting	9 hrs.
Physical Education Activities	3 hrs.

SOPHOMORE YEAR

American History	8 hrs.
American Government and Citizenship	4 hrs.
General Psychology	4 hrs.
Child Psychology	4 hrs.
Introduction to Sociology	4 hrs.
Problems of Youth	4 hrs.
French or Spanish	9 hrs.
English Literature	10 hrs.
Physical Education Activities	3 hrs.

JUNIOR YEAR

French or Spanish (continued from sophomore year)	9 hrs.
History and Appreciation of Art	3 hrs.
Music in the Church	3 hrs.
Health and Safety	3 hrs.
Children's Literature	4 hrs.
Literary Appreciation	5 hrs.
Public Speaking	3 hrs.
Dramatics	3 hrs.
The Family	4 hrs.
Consumer Economics	4 hrs.
Eugenics	5 hrs.
Physical Education Activities	3 hrs.

SENIOR YEAR

Selected Bible Readings	3 hrs.
History and Mission of the Christian Church	5 hrs.
Principles of Christian Education	5 hrs.
Supervised Christian Teaching	5 hrs.
English (elective)	4 hrs.
Sociology (elective)	12 hrs.
First Aid	3 hrs.
Community Recreation	3 hrs.
Elective	4 hrs.
Physical Education Activities	2 hrs.

Additional electives (approximately nine quarter hours) must be chosen from the Department of Bible, English, or Sociology to complete a major in the field chosen.

CURRICULUM FOR ONE-YEAR COURSE IN SECRETARIAL SCIENCE

First Quarter

English Composition	3 hrs.
Shorthand	4 hrs
Typewriting	3 hrs.
Accounting	3 hrs.
Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Second Quarter

English Composition	3 hrs.
Shorthand	4 hrs.
Typewriting	3 hrs.
Accounting	3 hrs.
Office Practice	3 hrs.
Physical Education	1 hr.
	17 hrs.

Third Quarter

English Composition	3 hrs.
Dictation and Transcription	4 hrs.
Accounting	3 hrs.
Secretarial Practice	3 hrs.
Physical Education	1 hr.
Elective	3 hrs.
	17 hrs.

CURRICULUM IN HOME ECONOMICS

Each student is given individual counseling by the Head of the Division of Home Economics concerning the proper courses to elect. Courses will be chosen according to the student's needs.

The following courses of study are offered for those who wish to work toward a degree in Home Economics or for those who wish to major or minor in Home Economics:

COURSES IN HOME ECONOMICS

Course	*Quarter Hours Credit*
Textiles	4
Costume Design	3
Foods	9
Clothing	9
Housing	4
Home Furnishing	2
Family Health and Home Nursing	3
Nutrition	6
RELATED COURSES	
English Composition	9
General Chemistry	12
Fundamentals of Art	3
English Literature	10
Organic Chemistry	12
General Physics	12
General Biology	12
Bacteriology	5
Consumer Economics	4
The Family	4
General Psychology	4
Physiology	5
Child Psychology	4
Rural Sociology	4
Principles of Sociology	4

CURRICULA FOR PROSPECTIVE TEACHERS

Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. The following are offered:

1. Two-year curriculum for training Elementary Teachers.
2. Four-year curriculum for training Elementary Teachers.
3. Four-year curriculum for training High School Teachers.
4. Four-year curriculum for training Administrators and Supervisors.

For guidance of Union College students the following curricula prescribed by the Kentucky State Department of Education for prospective teachers are given:

	Requirements for Certificates	
	Prov. Elem. C't.	Stan. Elem. C't.
	Quarter hrs.	Quarter hrs.
A. *General and Special Preparation*		
1. English including		
a. Oral and Written	8	8
b. American or English Lit.	4	4
c. Children's Literature	4	4
d. Elective in English		4
2. Science, selected from Biology, Chemistry, General Science, Geology, Physics	8	16
3. Social Science, including		
a. American History and Gov. or History of Cilvilization	8	8
b. Principles of Sociology or Rural Economy		4
c. Geology—Principles	4	4
Elective in Geography		4
d. Elective in Social Science from History, Government, Economics or Sociology		8
4. Teachers' Arithmetic	4	4
5. Fine Arts		
a. Public School Art	3	3
b. Elective in Art		3
c. Public School Music	3	3
d. Elective in Music		3
6. Health, Physical Education and Safety	6	6
B. *Professional Preparation*		
1. General or Educational Psychology	4	4
2. Fundamentals of Elementary Education	6	6
3. Supervised Student Teaching	4*	8
4. Educational Measurements		3
5. Child Psychology		4
6. Teaching Reading	4	4
7. Elective in Elementary Education		4
8. General Electives in Education	4	8
	74	127
C. General Electives	22	65

*Three years of experience in the elementary grades may be substituted for this requirement for the issuance of the Provisional Elementary Certificate, provided all other requirements, including an average of "C," are fulfilled.

MINIMUM CURRICULUM FOR THE ISSUANCE OF HIGH SCHOOL CERTIFICATES

The PROVISIONAL HIGH SCHOOL CERTIFICATE, valid for four years, shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education, and files a transcript of standard college credits showing the completion of a curriculum which includes the following course and minimum standards:

A. *Minimum General or Core Requirements*

Each candidate must present 16 quarter hours of English. In addition to this a total of 40 quarter hours must be selected from the following fields:

- Fine Arts
- Foreign Language
- Health, Physical Education and Safety
- Mathematics
- Philosophy and Psychology
- Science
- Social Science
- Vocational Fields

No candidate shall present fewer than three or more than four of these fields, and in no field may be offer fewer than eight quarter hours; and in no instance may the selection of the general education courses include the fields which he chooses as his majors or minors, except that he may major or minor in English. This regulation applies to those who begin their college preparation for teaching after September 1, 1942.

B. *Teaching Fields*

1. Two majors—36 quarter hours each, or
2. One major and two minors—36, 24, 24, or
3. An area of concentration—72 quarter hours.

Teaching fields must be selected from those in the public school curriculum prescribed by the State Board of Education.

C. *Professional Preparation*	*Quarter Hours*
1. Psychology or Educational Psychology	4
2. Secondary Education	8
*3. Supervised Student Teaching	8
4. Elective in Education	7

D. *Completion of Baccalaureate Degree*

Advice and counsel on the election of courses for the curriculum for training administrators and supervisors may be obtained from the Dean of the College.

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*In the issuance of the PROVISIONAL HIGH SCHOOL CERTIFICATE, the requirement in Supervised Student Teaching may be waived for the person who has had a minimum of three years' experience in secondary grades and who has met all other requirements for such certificate. This waiver requires the approval of the Head of the Department of Education.

DEPARTMENTS OF INSTRUCTION

The following six departments are maintained at Union College:

I. Bible and Philosophy.
II. Biology.
III. Education.
IV. Languages (English, French, and Spanish).
V. Physical Sciences (Chemistry, Mathematics, and Physics).
VI. Social Studies.

In addition to these six departments the college maintains the following divisions:

1. Fine Arts.
2. Home Economics.
3. Physical Education.
4. Secretarial Science.

The departments with a detailed description of the courses are listed alphabetically in the following pages. The courses are numbered in such a way as to reveal at a glance the level of the course. Courses numbered 11 to 29, inclusive, are primarily for freshmen; courses 31 to 49 are primarily for sophomores; courses 51 to 89 are primarily for juniors and seniors.

DEPARTMENT OF BIBLE AND PHILOSOPHY

David Wesley Soper

Head of the Department and Professor of Bible and Philosophy

Requirements for a Major. Thirty-six quarter hours in courses approved by the Head of the Department.

Requirements for a Minor. Twenty-seven quarter hours in courses approved by the Head of the Department.

Course Offerings. The work in this department has been organized with a view toward introducing the student to the historic Christian Faith, and the full criticism of life which issues therefrom.

BIBLE

Bible 10. *Basic Christian Ideas.* This course is a required introduction to the work of the department, presenting the central emphases in classic Christianity which are common to all Christian denominations.

Five quarter hours.

Bible 11. *Gospel and Its Historical Background.* This course is a survey of the culmination of the Hebrew hope in the life and work of our Lord, as recorded in the Gospels of Matthew, Mark, and Luke.

Five quarter hours.

BIBLE 12. *The Life and Writings of Paul.* This course presents in detail the drama of the Books of Acts, the content of the Pauline Epistles, and the impact of the Christian Faith upon the Roman and pagan world.
Five quarter hours.

BIBLE 13. *The Life and Influence of Moses.* An attempt is made to penetrate both the chronology and the organization of faith, knowledge, and conduct bequeathed to the ages in the Hebrew Torah.
Three quarter hours.

BIBLE 31. *John's Gospel and the Johannine Writings.* The story of Christ, the interpretation of the Fourth Gospel, and the serene faith of John's Letters and the Revelation are studied with relation to the classic Christian Tradition.
Five quarter hours.

BIBLE 35. *Selected Bible Readings.* This course presents the entire content of the Bible in story form, with special emphasis upon its use by the parent in the home or the teacher in the public school.
Three quarter hours.

BIBLE 51. *The Greater Prophets.* This course represents a consideration of the Prophetic Movement in Israel beginning with the pre-literary prophets and continuing through to the prophets of restoration, emphasizing the representative prophets, Amos, Isaiah, and Jeremiah.
Five quarter hours.

BIBLE 53. *The History and Mission of the Christian Church.* This course presents a careful journey through the nineteen centuries of Christian Faith, with special attention to the story of modern missions.
Five quarter hours.

BIBLE 55. *Comparative Religions.* The great living religions of the world, ancient and modern, are considered in relation to each other and their fulfillment in ecumenical Christianity.
Five quarter hours.

CHRISTIAN EDUCATION

BIBLE 33. *The Church and Society.* This is a course in the social aspects of the Christian Faith. A practical application of the principle of Christian social responsibility is made to contemporary problems.
Three quarter hours.

BIBLE 34. *Principles of Christian Education.* This course presents a general introduction to the essentials of theory and method in the Christian nurture of home and school and Church.
Five quarter hours.

Representing the Home Economics Club

Stevenson Hall Boys Have a Real Home-like Fellowship

PHILOSOPHY

BIBLE 72. *Introduction to Philosophy.* This is a survey of human thought about God, man, and the world, with special attention to the personalities from whom the greater philosophies have issued.

Five quarter hours.

BIBLE 74. *Ethics.* In this course an analysis is made of the relation of moral obligation to democratic society, and of the moral conflict in the nature of man.

Five quarter hours.

BIBLE 75. *Contemporary Philosophies.* An attempt is made to evaluate the popular thought-forms of the present in their vital relation to the idea of a Christian Society. Registration only by permission of the instructor.

Three quarter hours.

II

DEPARTMENT OF BIOLOGY

HOMER E. ALDER

Acting Head of the Department and Professor of Biology

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours.

COURSE OFFERINGS

BIOLOGY 11, 12, 13. *General Biology.* An outline of the main facts and principles of animal and plant life, with special reference to the historical interpretations of nature, the laws governing heredity and the modern application of biological facts to the service of man and the betterment of the race. Laboratory exercises illustrative of biological principles will be supplemented by specially prepared demonstrations. Two lecture periods and two two-hour laboratory periods.

Four quarter hours each.

BIOLOGY 31. *Field Botany.* A general survey of the local flora, determination of species, and ecology.

Four quarter hours.

BIOLOGY 32. *Embryology.* A review of the process of germ cell formation, fertilization, and cleavage in both invertebrates and vertebrates, followed by a detailed comparative study of the development of the frog, chick, pig, and man. Use is made of living material of the frog and chick, while the whole mounts and serial sections of the frog, chick, and pig are used for study of germ layer formation, histogenesis, and organogenesis. Charts, models, and demonstrations supplement the work. Two lectures and two three-hour laboratory periods.

Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 33. *Comparative Vertebrate Anatomy.* A further and detailed study of the structure of higher animals with special reference to the form and development of different systems and organs. This course is especially recommended for pre-medical students. Two lectures and two three-hour laboratory periods.

Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

Biology 34. *General Bacteriology.* A study of the morphology any physiology of bacteria and other micro-organisms, including laboratory exercises in culture methods and bacteriological technique. Two lecture periods and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

Biology 51. *Anatomy and Physiology.* This course is designed to familiarize the student with the structure and functions of the parts of the human body. Five lectures.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

Biology 52. *Eugenics.* A study of the laws governing human heredity; the ethical interpretation of biological principles governing man; the betterment of the race.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

Biology 53. *Cytology.* A study of the structure and physiology of the cell, including the process of cell division, germ cell formation, fertilization, parthenogenesis and cleavage. Training is given in the technical cytological methods of killing, sectioning, and staining. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

Biology 54. *Genetics.* A study of the laws governing heredity, the application of the experimental method to modern biological problems; the interpretation of nature, and the fundamental facts of plant and animal breeding. The laboratory will consist of experiments showing the modern methods of investigating hereditary characters. Three lectures and two two-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

Biology 71. *Organic Development.* A study of life through successive generations. Principles and theories of phylogenetic relationships are studied. Five lectures.
Prerequisite: Biology 11, 12, 13, 32, 33.
Five quarter hours.

Biology 72. *Histology.* A microscopic study of cells and tissues of the animal body. The laboratory will consist of training in histological methods.
Prerequisite: Biology 11, 12, 13, 32, 33.
Five quarter hours.

III

DEPARTMENT OF EDUCATION

*OTIS C. AMIS

Head of the Department and Professor of Education

KATHLEEN MOORE

Assistant Professor of Education and

Acting Head of the Department

FRANCES EICHOR

Assistant Professor of Education

CERTIFICATES. Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. Information concerning these requirements is given on pages 44, 45, 46.

COURSE OFFERINGS. The courses listed have been organized primarily to meet the needs of those who expect to enter the teaching profession and who plan to secure certificates.

A major or minor for the A.B. or B.S. degree is not offered in the Department of Education. The requirements for the degree of B.S. in Education are listed on page 36.

EDUCATION 11. *General Psychology.* A brief survey of the general principles of psychology with special emphasis on the application of these principles.

Four quarter hours.

EDUCATION 12. *Educational Psychology.* This course will deal with various influences bearing on the growth and development of the human organism. It is designed to help the student understand the problems involved in the guidance of the educand at all levels of maturity.

Four quarter hours.

EDUCATION 13. *Child Growth and Development.* This course presents the facts as far as they have been scientifically determined concerning child behavior with special reference to the meaning of these facts to the teacher. It considers the growth and development of the child from the point of view of his physical, mental, emotional, and social nature.

Prequisite: Education 11 or 12.

Four quarter hours.

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*Resigned January 15, 1945.

EDUCATION 31. *Fundamentals of Elementary Education.* The foundation course for the teacher-training program of the elementary school. The purposes of the course are (1) to help the student formulate his own philosophy of education; (2) to acquaint the student with the best educational practices of the modern elementary school and the philosophy on which it is based; (3) to show the relationship existing between modern psychology and educational practices, and (4) to build up general and specific teaching techniques. Several observations are made each week in the training school.
Six quarter hours.

EDUCATION 32. *Methods of Teaching Reading.* The purpose of this course is to acquaint the student with the best current practices in teaching children to read. Students are led to attack the many practical problems concerned with teaching techniques and materials in the field of primary and upper grade reading. Observations in the training school demonstrate good techniques at different grade levels.
Four quarter hours.

EDUCATION 33. *Supervised Teaching in the Elementary School.* This course is intended to give students practice in actual classroom situations under the direct supervision of an approved critic teacher.
Prerequisites: Scholastic standing of 1 or "C."
Completion of Education 11 or 12 and 31.
Completion of English 13, 14, and 15.
Completion of a minimum of 48 quarter hours of courses required for the Provisional Elementary Certificate.
Four quarter hours.

EDUCATION 34. *Rural Education.* This course is designed to consider the necessary adaptations of the educative process to rural school conditions and the farm child's experiences. It is intended to assist the rural teacher in a practical attack on the many difficult problems of the small rural school.
Four quarter hours.

EDUCATION 37. *Workshop in Rural and Elementary Education.* This program is designed for both experienced and inexperienced persons teaching in rural and elementary schools and is conducted on a problem-solving basis. The content of the workshop program is the problems presented by the group. Observation and participation in the actual teaching situation are provided when possible. From three to nine quarter hours credit in electives in education may be earned in workshop programs in Union College.

EDUCATION 51. *Fundamentals of Secondary Education.* The purpose of this course is to acquaint the student with the fundamental aims and functions of the modern secondary school, the criteria available for the evaluation of the various high school activities, and the technique most effective in carrying on the different phases of the high school teachers' work. The course will include data on the present status of secondary education and will discuss problems now faced in meeting the demands of a dynamic social order.

Prerequisite: Educational Psychology.

Four quarter hours.

EDUCATION 52. *The Elementary School Curriculum.* A study of the prevailing tendencies and procedures involved in curriculum construction in the elementary school, with special emphasis on the classroom teacher's function in changing and adapting the curriculum to the conditions of his particular situation. Critical attitudes are developed in evaluating both the traditional and the newer curricula and curricular techniques. Some actual practice in modern curriculum-making is carried on through the construction of activity units.

Four quarter hours.

EDUCATION 53. *Tests and Measurements.* A survey of the principles and techniques which underlie the construction and use of both formal and informal tests in the modern classroom. Criteria are set up by which tests of both types may be judged, and techniques for administering and scoring tests and for the tabulation and interpretation of test results are developed.

Three quarter hours.

EDUCATION 71. *Principles of Educational Administration.* This course is designed to help the teacher understand the relationships of the administration of the school system to the instructional aspects of the program. It is also designed for students preparing for work as school administrators. Problems of the administrator relating to school organization, school financing, personnel employment, building planning, and school board relationships are covered in the course. The relation of the local school district to the state educational organization and the theory of state and federal support of universally free public education are treated in the course.

Four quarter hours.

EDUCATION 72. *Curriculum Construction in the Secondary School.* This course will deal with the newer concepts in curriculum development and the criteria for judging the values of curriculum materials. Curriculum organization, content, and derivation will be studied in the light of the functional needs of the time and place in which the school is operating.

Prerequisites: Educational Psychology and Fundamentals of Secondary Education.

Three quarter hours.

EDUCATION 73. *Supervised Student Teaching and Related Problems in the Elementary School.* This course is designed to give the student actual experience in teaching and in meeting teachers' problems under the guidance of trained supervisors. In addition to participation in the many activities related to actual classroom teaching, the student is given experiences in community and school organizations and activities, field trips and excursions, record keeping, faculty meetings, the collection and organization of teaching materials, and the study and guidance of children. Students will be expected to clear one-half day of academic courses and will spend the entire half day in activities directly related to this course. The prerequisites for this course are the same as those for Education 33.

Eight quarter hours.

EDUCATION 81. *Supervised Student Teaching and Related Problems in the Secondary School.* Students who have met the prerequisite requirements will be permitted to do student teaching in any of the high schools affiliated with Union College for the purpose of providing directed teaching experiences, which schools are approved by the State Department of Education and the Kentucky Council on Higher Education. Such students will be freed of academic courses in order that they may spend one quarter in the community in which these schools are located and work under the close supervision of an approved critic. The student teacher will participate in all the activities relating to the school program in which the critic participates as approved by the administration of that school. The critic working under the direction of the administration of the school and the Head of the Department of Education of Union College will direct the student teacher in helping him to understand, through extensive reading and conferences, the problems in the school relating to classroom organization, methods and administrative relationships. The student teacher will be expected to study the social and economic problems of the community and to understand the environments from which his pupils come. For this quarter's work, he will receive eight

quarter hours elective credit in secondary and general education and eight quarter hours credit in supervised teaching.

Prerequisites:

1. Approval for this course by the Head of the Department of Education.
2. Completion of two-thirds of the minimum requirements in core-curriculum, and in the subject field in which the student teaching is done.
3. Completion of an equivalent of four quarter hours in Educational Psychology and four quarter hours in Fundamentals of Secondary Education.
4. Completion of an equivalent of 135 quarter hours of college credit with a scholastic standing satisfactory to the Dean of the College, and the Head of the Department of Education.
5. One quarter of residence at Union College.

EDUCATION 82. *Supervised Teaching in the Secondary School.* This course is offered for those who have previously completed an equivalent of four quarter hours of student teaching at either the elementary or the secondary level. In the main, this program of supervised teaching will be conducted in the Barbourville High School under the direct supervision of an approved critic in close co-operation with the administration of the Barbourville High School and the Head of the Department of Education of Union College. Students taking the courses will be expected to clear one-half of each day of academic courses and will spend the entire half day in the public school. This course will be integrated with four hours per week in organization and methods. The prerequisites for this course will be as for Education 81, and will presuppose an equivalent of four quarter hours credit in directed teaching in elementary or secondary education.

Eight or nine quarter hours.

EDUCATION 83. *Organization and Methods of Secondary School Teaching.* This course is designed to help the student of secondary education understand the generally accepted methods of teaching in the secondary schools. This course will be integrated with supervised teaching. It will call for a reconsideration of the objectives and functions of the secondary school, instructional planning, instructional materials, problems of classroom management, improved methods of teaching, and evaluation of results include discussions of problems faced in supervised teaching, lectures, further observations, and reports.

Prerequisite: Fundamentals of Secondary Education.

Four quarter hours.

IV

DEPARTMENT OF LANGUAGES

Byron H. Gibson

Heal of Department and Professor of English

Aldis B. Easterling

Assistant Professor of French and Spanish

Leila Willis Poage

Assistant Professor of English and Speech

ENGLISH

Requirements for a Major. Thirty-six quarter hours in addition to nine quarter hours of English Composition. The major must include English 51, Literary Appreciation, and eighteen additional quarter hours in courses numbered above 50.

Requirements for a Minor. Twenty-seven hours in addition to nine quarter hours of English Composition. The minor must include twelve quarter hours in courses numbered above 50.

Requirements for an Area. The area requires a minimum of seventy-two quarter hours, and shall include a minimum of forty-four quarter hours in Grammar, Composition, American Literature, and English Literature, and the remaining twenty-eight quarter hours may include Dramatics, Journalism, and Speech. No additional major is required. Completion of an Area in English satisfies requirements for the Bachelor of Science in Education degree only.

English 11. *Debating.* The purpose of this course is to train the student in the art of clear thinking and logical arrangement of materials in the argumentative form known as debate. The fundamentals of debating will be studied and applied to problems chosen for discussion. The national collegiate debate subject will be studied. From the class in debating will be chosen the intercollegiate debate teams.

Two quarter hours.

English 12. *Journalism.* The course purposes to introduce the student to the organization of the modern newspaper, acquaint him with methods of news reporting, and train him in news writing.

Four quarter hours.

English 13, 14, 15. *Composition.* The purpose of this course is to train the student in the fundamentals: grammar, punctua-

tion, spelling, reading, writing, the use of a dictionary. Themes are required; these are corrected and criticized by the instructor and returned for revision. The instructor is regularly available for personal conference with the individual student. Required of all freshmen.

Three quarter hours each.

ENGLISH 31, 32. *Public Speaking.* The purpose of this course is to train students for effective participation in ordinary speaking situations. Primary emphasis is placed on acquiring poise and grace in platform manners; learning the source and organization of speech materials, objectives, and audience considerations. Some attention is given to the physiological basis of voice and corrective voice drills. Correct and careful enunciation and pronunciation are stressed. Much practice is given in the preparation and delivery of speeches for various occasions, purposes, and audiences. The different types of public discussions are practiced.

Three quarter hours each.

ENGLISH 33, 34. *Dramatics.* The principles underlying acting and artistic interpretation of dramatic literature are studied in this course. Opportunities for appearing in plays and dramatic productions are afforded the student.

Three quarter hours each.

ENGLISH 35, 36. *Advanced Dramatics.* This course presents the fundamentals of acting, staging, and directing.

Three quarter hours each.

ENGLISH 37, 38. *English Literature.* This study acquaints the student with all the major English writers from the eighth century author of *Beowulf* to the twentieth century. This survey helps develop the historical perspective necessary for understanding and justly evaluating present-day literature and society. English 37 includes Chaucer, Spenser, Shakespeare, the King James Version of the Bible, Milton, Dryden, Pope, Gray, Goldsmith, Johnson. English 38 stresses Burns, Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, and Browning.

Five quarter hours each.

ENGLISH 39. *Children's Literature.* This course is designed to give the prospective elementary teacher an opportunity to make a systematic study of children's literature and to know and appreciate the best in this particular field. It includes a brief survey of the history of children's literature and a study of the

literature itself under the following topics: Mother Goose, fables, folk songs, literary fairy tales, myths, legends, hero tales, nature stories, fiction, biography, poetry, historical and geographical literature. Story-telling and dramatization are introduced. Other methods of teaching are touched incidentally.

Four quarter hours.

ENGLISH 51. *Literary Appreciation.* In this course the different types of literature are studied in order to understand better and thus appreciate more fully each type. Selected masterpieces are studied to illustrate the short story, the drama, the essay, the novel, and poetry. Particularly comprehensive study is given to poetry. Required of all who major in English.

Five quarter hours.

ENGLISH 52, 53. *American Literature.* This course is a survey of American literary productions; American literary styles, movements, trends, and currents of thought from the beginning of national culture to the present time. The first quarter's work includes the periods known as The Roots of National Culture and The Romantic Triumph; the second half, The Rise of Realism, The Social Revolt, and Contemporary Trends. Collateral reading and various forms of report are part of the course.

Five quarter hours each.

ENGLISH 54. *The English Novel of the Nineteenth Century.* This course is designed to cover the novel in England from the time of Scott to 1900, stressing the works of Dickens, Thackeray, the Brontes, George Eliot, Meredith, Stevenson, Butler, Hardy, and Gissing.

Five quarter hours.

Offered alternate years.

ENGLISH 55. *Word Study.* This course aims to enlarge vocabularies, to teach the easiest and fastest methods of learning new words, and to develop word-consciousness and intellectual curiosity about language that will prove of lasting value both cultural and practical. A comprehensive guide-book is used, with outside practice in current newspapers and magazines. Special emphasis is laid upon timely words in daily use.

Four quarter hours.

ENGLISH 71. *World Literature.* An appreciative study of the world masterpieces which, in translation for centuries, have influenced Western thought and literature. Emphasis is laid on the writings of Homer, Aeschylus, Sophocles, Euripides,

Aristophanes, Virgil, Dante, and Goethe. This course is planned to give the background necessary for the full understanding and enjoyment of English and American literature.

Five quarter hours.

ENGLISH 72. *Poetry of Today.* The purpose of this course is to acquaint the student with the best in the field of modern American and British poetry. The course aims also to aid in the acquiring of an appreciation of contemporary poetry ranging from that of Thomas Hardy to that of current writers. It deals with present-day styles, modes, values and subject matter.

Four quarter hours.

Offered alternate years.

ENGLISH 73. *Development of Drama.* This course consists of a study of drama forms or types, dramatic modes, and dramatic values from Greek to present-day productions. A background of history of the plays, playwrights, times, theaters, origin, and occasion of production is developed.

Five quarter hours.

Offered alternate years.

ENGLISH 74. *Modern Drama.* This course provides a study of European and American drama in the nineteenth and twentieth centuries. The plays studied range from those of Ibsen to current productions. It is designed to broaden and deepen the student's knowledge of dramatic impulses and of the ways in which dramatic practices have developed.

Five quarter hours.

Offered alternate years.

ENGLISH 75. *Romantic Poetry.* Beginning with an introductory survey of pre-romanticism, this course is an intensive historical and appreciative study of the poetry of Wordsworth, Coleridge, Byron, Shelley, Keats. English 75 should follow English 38; these two courses may not be taken the same quarter.

Five quarter hours.

Offered alternate years.

ENGLISH 76. *Shakespeare.* The course is designed to cover the sonnets, the songs within the plays, and the major dramas. Since the emphasis is placed upon the plays themselves, outside work consists only of short studies of Shakespeare's art, of themes and *motifs* which throw light on the background of the plays, and of the customs and beliefs of the times therein represented.

Five quarter hours.

Offered alternate years.

English 77. *Victorian Poetry.* This course offers an intensive historical and appreciative study of the poetry of the last three quarters of the nineteenth century. Special stress is placed upon Tennyson and Browning, with secondary emphasis on Arnold, the Rossettis, Swinburne, and others. English 77 should follow English 38; these two courses may not be taken the same quarter.

Five quarter hours.

Offered alternate years.

FRENCH AND SPANISH

Requirements for a Major in Either Language. Thirty-six quarter hours in the language in which the major is desired.

Requirements for a Minor. Twenty-seven quarter hours in the language in which the minor is desired.

FRENCH

French 11, 12, 13. *Beginning French.* In this course French is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter, a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

French 31, 32, 33. *Intermediate French.* More advanced work in conversation, grammar and composition, based on material of current interest. Reading of selections from modern French authors. Conducted largely in French.

Prerequisite: Nine quarter hours of college French or two years of high school French.

Three quarter hours each.

French 51, 52, 53. *Modern French Literature.* A study of the outstanding literary works and the movements they represent, since the beginning of the eighteenth century. Continued work in conversation and composition.

Prerequisite: Eighteen quarter hours of college French, or the equivalent.

Three quarter hours each.

Offered alternate years.

FRENCH 71, 72, 73. *Survey of Early French Literature.* A study of some of the principal works of French literature from earliest times through the seventeenth century. Continued work in conversation and composition.

Prerequisite: Eighteen quarter hours of college French or the equivalent.

Three quarter hours each.

Offered alternate years

SPANISH

SPANISH 11, 12, 13. *Beginning Spanish.* In this course Spanish is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

SPANISH 31, 32, 33. *Intermediate Spanish.* More advanced work in conversation, grammar and composition, based on material of current interest concerning Spain and Latin America. Reading of selections from modern Spanish and Spanish-American authors. Conducted largely in Spanish.

Prerequisite: Nine quarter hours of college Spanish or two years of high school Spanish.

Three quarter hours each.

SPANISH 51, 52, 53. *Survey of Spanish Literature.* A study of the outstanding literary works of Spain, and the movements they represent, since the middle of the sixteenth century. Advanced work in conversation and composition, based on material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

SPANISH 71, 72, 73. *Survey of Spanish American Literature.* A study of the development of Spanish Literature in Latin America, from the early colonial period to recent years. The more important literary works will be read in the light of their relation to the literary movements of the period and to Latin American civilization. Advanced work in conversation and composition, based on material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

V

DEPARTMENT OF PHYSICAL SCIENCES

Charles R. Wimmer

Head of the Department and Professor of Chemistry

Phillip I. Peters

Instructor in Mathematics and Physics

Requirements for a Major.

Physical Science: Forty-two quarter hours.

Chemistry: Thirty-six quarter hours.

Mathematics: Thirty-six quarter hours.

Requirements for a Minor.

Chemistry: Twenty-seven quarter hours.

Mathematics: Twenty-seven quarter hours.

Course Offerings.

CHEMISTRY

Physical Science 11, 12, 13. *General Inorganic Chemistry.* This course is designed for the student who wishes to take only one year of chemistry as a cultural subject, as well as for the student who wishes a foundation for further study in chemistry. The basic principles of chemistry are studied thoroughly and their practical application to our everyday living is pointed out. The laboratory work is devoted to the experiments which illustrate the theories, preparations, and reactions studied in the classroom. Practical experiments on foods, dyes, and so forth, are also included.

Four quarter hours each.

Physical Science 31. *Qualitative Analysis.* This course is devoted to systematic study of the theories and fundamentals of qualitative analysis involved in the separation and identification of the more common metals and acids. Lecture, one hour; laboratory, three two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours.

PHYSICAL SCIENCE 32, 33. *Quantitative Analysis.* This course is intended for pre-medical students and for those who are majoring in chemistry. The fundamental principles of gravimetric and volumetric analysis are studied. These principles are then applied for the purpose of developing careful and accurate work in the laboratory. Lectures and recitations one hour per week; laboratory, three two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13 and 31 or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 51, 52, 53. *Organic Chemistry.* A course intended for the student who is preparing for the study of medicine or for the student majoring in chemistry or home economics. A thorough study is made of the principles underlying the classification of carbon compounds as well as the preparation and properties of the various classes of aliphatic and aromatic hydrocarbons and their derivatives. The laboratory work in this course is designed to correlate the principles learned in the classroom with their practical application. Lectures and recitations two hours per week; laboratory, two two-hour periods per week.

Prerequisite: Physical Science 11, 12, 13, or equivalent.

Four quarter hours each.

PHYSICAL SCIENCE 31, 32, and 33 are alternated with Physical Science 51, 52, and 53.

PHYSICAL SCIENCE 31, 32, and 33 will be offered during the year 1945-46.

MATHEMATICS

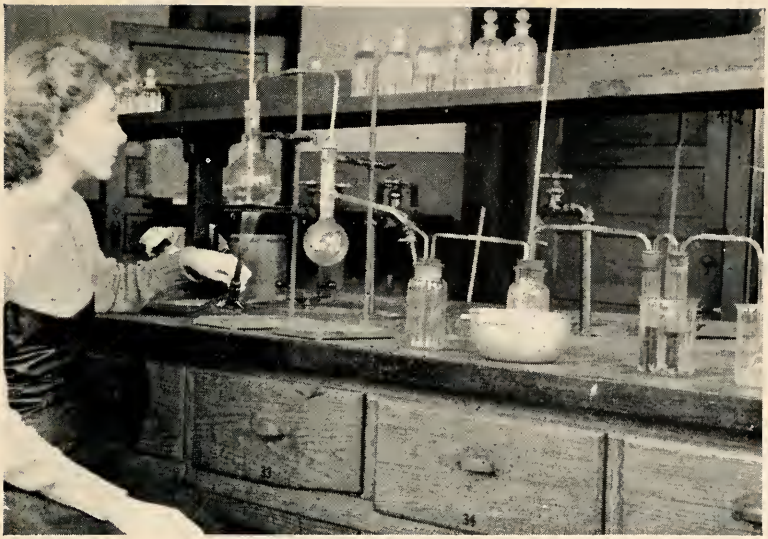
MATHEMATICS 14. *College Algebra.* The course presupposes a knowledge of elementary algebra. Chief topics: review of fundamentals of algebra, linear functions, exponents and radicals, quadratic equations, ratio, proportion, progressions, Binomial Theorem, determinants.

Five quarter hours.

MATHEMATICS 15. *Plane Trigonometry.* Chief topics: the trigonometric functions, use of tables, solution of right and oblique triangles by use of logarithms, radian measure, fundamental identities.

Prerequisite: Mathematics 14.

Five quarter hours.



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MATHEMATICS 16. *Plane Analytic Geometry.* Chief topics: straight line, circle, conics, tangents, transformation of coordinates, polar coordinates, parametric equations.
Prerequisite: Mathematics 15.
Five quarter hours.

MATHEMATICS 37. *Methods of Teaching Arithmetic.* A study of the subject matter, teaching materials, and methods for the elementary grades. Not counted toward major or minor.
Four quarter hours.

MATHEMATICS 50. *Teaching High-School Mathematics.* A study of the subject matter, materials, and methods of teaching mathematics in the secondary school. The prospective teacher is prepared to teach algebra, plane and solid geometry, and trigonometry. Counted toward major or minor for those who are candidates for the degree of Bachelor of Science in Education.
Prerequisites: Mathematics 14, 15, 16, and should follow, or be taken concurrently with, the calculus.
Four quarter hours.

MATHEMATICS 55. *Differential Calculus.* Chief topics: the derivative, functions (explicit and implicit), maxima and minima, related time rates, limits, continuity, indeterminate forms, parametric equations, speed, velocity, acceleration, curvature, differentials, infinitesimals, partial differentiation.
Prerequisite: Mathematics 16.
Five quarter hours.

MATHEMATICS 56. *Integral Calculus.* Chief topics: the definite integral, use of integral tables, Duhamel's Theorem, applications to mechanics, multiple integration, differential equations, infinite series.
Prerequisite: Mathematics 55.
Five quarter hours.

MATHEMATICS 60. *Solid Analytic Geometry.* Fundamental principles of solid analytics. Much emphasis is placed on the use of determinants.
Prerequisite: Mathematics 56.
Five quarter hours.

MATHEMATICS 71. *Theory of Equations.* Chief topics: the complex number, theorems and methods for finding roots of equations, determinants.
Prerequisite: Mathematics 16 and permission of instructor.
Five quarter hours.

MATHEMATICS 72. *Differential Equations.* Particular solutions, differential equations of first, second, and higher degrees and order, singular solutions.
Prerequisite: Mathematics 56.
Five quarter hours.

PHYSICS

PHYSICAL SCIENCE 34, 35, 36. *General Physics.* This course deals with mechanics, heat, electricity, magnetism, sound, and light. Lectures and recitations three hours per week, laboratory one two-hour period per week.
Four quarter hours each.

VI

DEPARTMENT OF SOCIAL STUDIES

WAYNE T. GRAY
Head of the Department and Professor of Sociology
(Appointment pending)
Assistant Professor of History

REQUIREMENTS FOR A MAJOR. *Sociology.* Thirty-six quarter hours in this field. Ten hours of Economics may be included.

REQUIREMENTS FOR A MINOR. *Sociology.* Twenty-seven quarter hours in this field. Six hours of Economics may be included.

REQUIREMENTS FOR A MAJOR. *History.* Thirty-six quarter hours.

REQUIREMENTS FOR A MINOR. *History.* Twenty-seven quarter hours.

Students who are candidates for the Bachelor of Science in Education degree may satisfy the Area or Major requirements in the Social Sciences as follows:

A teaching area in Social Science shall consist of a minimum of 72 quarter hours distributed as follows: 28 quarter hours in History, including eight quarter hours in American History and eight quarter hours in European History; and a minimum of eight quarter hours each, in the following subjects: Political Science, Economics, Sociology, and Geography. The other twelve quarter hours in this field shall be elective from Social Sciences.

No additional major or minor is required for the secondary certificate in History and Sociology. It will be advisable for teachers to use their electives to obtain eighteen quarter hours in one or two fields aside from history so that they may obtain teaching minors in as many phases of this area as possible.

SOCIOLOGY

Course Offerings.

Sociology 11, 12. *Introductory Sociology.* This course is designed to give the student an understanding of the origin, development and activities of modern society.

Four quarter hours each.

Sociology 32. *Rural Sociology.* A study of the rural sections of our society including its people, organizations, institutions, and problems. The aim of this course is to familiarize the student with the farm family, the rural school, the country church, and the farm organizations which improve country life.

Four quarter hours.

Sociology 33. *The Family.* A study of the association of individuals living together in families and a discussion of the more important problems arising from such associations. This course uses a history of domestic institutions merely as a background for understanding practical domestic problems of the present day. Special emphasis is placed upon the adjustments which young people need to make when they are united in marriage.

Four quarter hours.

Sociology 34, 35. *Principles of Economics.* A study of the fundamental principles of economics, including the production, distribution, and consumption of goods, money and exchange; labor and capital, and the factors influencing supply and demand. Problems and examples to illustrate and fix these principles in the mind of the student will be used where practical.

Three quarter hours each.

Sociology 36. *Consumer Economics.* A course designed to acquaint the student with sound and efficient consumer practices as the making of budgets, the type and qualities of goods, and services offered by the market, and the securing of fair value for the money which the consumer spends.

Four quarter hours.

Sociology 37. *Principles of Geography.* This course is a study of Human Ecology. It is designed to acquaint the student with the physical features of the earth on which we live, to give the student instruction and practice in the use and interpretation of maps, globes, and atlases, and to show the ways in which man's life, standard of living, mode of thought, and social contacts are influenced by the earth's form, composition, and movements.

Four quarter hours.

SOCIOLOGY 51. *Social Psychology.* A study of the development and activity of the group mind, the interaction of individuals with groups, and of groups with each other. This course aims to help the individual adjust himself to the various groups with which he may wish to affiliate himself and to acquaint him with some of the means by which he may help to mold group thought.
Prerequisite: Sociology 31 or Education 11.
Four quarter hours.

SOCIOLOGY 52. *Modern Social Problems.* A study of the more prevalent and pressing present-day social and community problems.
Prerequisite: Sociology 11 and 31.
Four quarter hours.

SOCIOLOGY 53. *Economic Geography.* A study of the natural resources of the world and their influence upon the habits, standard of living, thought and concentration of people. Special stress will be placed upon those resources directly affecting the well-being of the people of the United States.
Prerequisite: Sociology 37 or qualifying examination.
Four quarter hours.

SOCIOLOGY 71. *Problems of Youth.* A course dealing with the problems facing young people today and a discussion of those problems and their possible solutions in the light of Christian principles of living and good social conduct.
Prerequisite: Sociology 31.
Four quarter hours.

SOCIOLOGY 72. *Sociology Reading.* A reading course designed to broaden and fill out the training of those who major or minor in Sociology. Books will be selected for the student from the fields with which he is least familiar. About thirty-six hours of reading will be required for each hour credit. Oral reports and oral and written examinations will check the quality of reading done by those taking this course.
Prerequisite: Twenty-two quarter hours of Sociology and/or Economics and permission from Head of Department.
One to six quarter hours.

SOCIOLOGY 73. *Sociology Problems.* This course is designed to give students an opportunity to do individual work under supervision. Such work may be done at any time significant problems are presented.
Prerequisite: Twenty quarter hours in Sociology and/or Economics or sufficient training to carry on independent work.
One to nine quarter hours.

HISTORY

History 11, 12. *American History.* The first half of the course deals with the colonial settlement, the development of our system of government, the problems of the young government, sectionalism, and the background of the war between the states. The second half of the course is a study of the Civil War and Reconstruction, growth of imperialism, World War I and the feverish period following the war, and the administration of Franklin D. Roosevelt.

Four quarter hours each.

History 13, 14. *American Government and Citizenship.* A study is made during the first half in some detail of the power and functions of Congress, the President, and our national courts. The second half of the course consists of a study of our state, city, and county governments with notices of recent changes made or contemplated.

Four quarter hours each.

History 15. *Current History.* A study of contemporary events by use of newspaper, periodical, and radio. The background of the news is considered and studied.

Four quarter hours.

History 21, 22. *Modern European History.* This course has to do with the development of Europe from 1500 to the present time. Of special importance in this course are the intellectual, religious, economic, political, and social changes which came with the Protestant Revolution of the sixteenth century, the French Revolution of the eighteenth century, the Industrial Revolution of the eighteenth and nineteenth centuries, and the very important changes in various fields which came with the nineteenth and twentieth centuries.

Four quarter hours each.

History 31, 32. *History of Great Britain.* Attention is paid to the social and economic development as well as to the political.

Four quarter hours each.

History 35, 36 *History of Medieval Europe.* Of special interest are the institutions which form the basis of those of modern times, such as feudalism, the city state, the beginnings of the national state, the Church, the Holy Roman Empire. The latter part is concerned especially with developments in the 13th, 14th, and 15th centuries, including the movement generally known as the Early Renaissance.

Four quarter hours each.

HISTORY 53, *Europe Between Two Wars,* 1918-1939. Deals with the problems of reconstruction after the first World War, and the continued rivalries of the great powers. Culture changes are studied, with special emphasis on the rise of totalitarian ideologies.
Four quarter hours.

HISTORY 55, 56. *Latin-American History.* Beginning with a study of the aborigines of Central and South America, the course deals with the conquest of those areas by Spain, together with the impact of Spanish institutions upon the conquered peoples. A consideration of the struggle for independence concludes the work of the first quarter. During the second quarter a study is made of the rise of Latin-American republics, and the political, economic, and cultural importance of Hispanic America to the United States and the world.
Four quarter hours each.

1.

DIVISION OF FINE ARTS

KATHERINE VAN SUTPHEN
Instructor in Piano and Art

ELMA A. RANDALL
Instructor in Voice and Musical Theory

A major is not offered in Fine Arts.

REQUIREMENTS FOR A MINOR IN MUSIC. Twenty-seven quarter hours, including Fine Arts 34, 35, 37, 38, 71, and 72.

MUSIC

FINE ARTS 11. *Piano.* Technic, major and minor scales, principal triad chords and arpeggios; studies from Hanon, Czerny, Von Bulow, Bach; preludes, bourrees, gavottes, shorter sonatas of Haydn, Mozart, Beethoven; compositions from Classic and Modern Periods.
Two private lessons per week for one quarter, one quarter hour.

FINE ARTS 12. *Piano.* Technic in combinations, as scales in thirds, sixths, tenths, dominant and diminished-seventh chords and arpeggios; studies from Czerny, Gradus ad Parnassum of Clementi, Bach's Suites and Inventions; Mozart "Variation Sonata"; Beethoven, Opus 13; selections from Classic, Romantic, and Modern composers.
Two private lessons per week for one quarter, one quarter hour.

FINE ARTS 13. *Voice.* Drill in tone production and diction, with emphasis placed on vowel-formation, technical exercises to fit the need of individual student; songs of moderate difficulty sung with correct intonation and interpretation.
Two private lessons per week for one quarter, one quarter hour.

FINE ARTS 14. *Voice.* Continued drill in vocal exercises; art songs from the classic and standard repertoires; less exacting oratorio and operatic arias.
Two private lessons per week for one quarter, one quarter hour.

FINE ARTS 31, 32, 33. *College Chorus.* Union College Chorus is open to all who have reasonably good singing voices. The members become familiar with the best choral literature, and are taught to build proper ideals in ensemble work. Throughout the year this chorus makes regular appearances in chapel programs, and presents local and out-of-town concerts of sacred and secular music.
One quarter hour each.

FINE ARTS 34, 35. *Ear Training.* The aim of this course is to teach the pupil to think in tones, and so to train the feeling and the ear that he may learn to sing, name, play, and write what he hears. This is done chiefly through dictation and sight-singing of melodic exercises in major and minor keys in various rhythms.
Three quarter hours each.
Offered in alternate years.

FINE ARTS 36. *Public School Music.* A general school-music course which gives a practical introduction to the teaching of music in rural-school and elementary grades. Understanding of the child voice, teaching of rote songs, development of the rhythmic sense, creative music, sight singing, elementary theory, and music appreciation are the major topics.
Three quarter hours.

FINE ARTS 37, 38. *Practical Harmony.* A study of keys, scales, intervals, triads, harmonization of melodies, modulations, chromatic alterations, and transpositions at the keyboard and in written exercises.
Three quarter hours each.
Offered in alternate years.

FINE ARTS 55. *Music in the Church.* This course is designed primarily for those who are following either the pre-ministerial or Christian workers' curriculum. The student is taught to direct congregational and community singing; he becomes acquainted with the best hymns of the church and also songs

that are useful in young people's work. The student is given materials and sources of materials for enriching the musical portions of the services of the church. A two-hour period each week is devoted to the fundamentals of music, including sight-singing. Lectures and recitations two hours per week, laboratory one two-hour period per week.

Three quarter hours.

FINE ARTS 71, 72. *History and Appreciation of Music.* A study of the development of music, with particular attention given to the social aspects of the art of music as it reflects the significant forces of various periods. Opportunity will be given to become familiar with the best music of all ages. The first half includes the history of music up to the Romantic Period; the second half, the music from the Romantic Period until the present time. A library of phonograph records is available for use in this course.

Three quarter hours each.

ART

FINE ARTS 39. *Public School Art.* This course is planned for elementary teachers. It aims to develop observation and appreciation of beauty, to develop steady growth in ability to express the child's own ideas, and to apply principles that govern design and color so that originality may be adequately expressed. Some of the topics considered are color, representation, design, drawing, and picture work.

Three quarter hours.

FINE ARTS 41. *Fundamentals of Art.* This course offers studies in line, light and shade, color, design motives, human figure, and portrait problems, sketches from nature rendered in pencil, pen and ink, charcoal, crayon, pastels.

Three quarter hours.

FINE ARTS 73, 74. *History and Appreciation of Art.* This course is a rapid survey of art from prehistoric beginnings to the present day, stressing the works of the greatest masters in the fields of painting, sculpture, and architecture. Integrated with this survey is a study of the principles underlying beauty and the application of these principles to everyday life.

Three quarter hours each.

2.

DIVISION OF HOME ECONOMICS

Alice R. Smith

Assistant Professor of Home Economics

Requirements for a Major. Thirty-six quarter hours.

Requirements for a Minor. Twenty-seven quarter hours.

Home Economics 11, 12. *Textiles.* A study of textile fibers, both natural and synthetic; also the fundamental weaves and finishes of fabrics with regard to selection of suitable materials for personal and household use.
Two quarter hours each.

Home Economics 13. *Costume Design.* A study of appropriate costume for the individual; choice of line, color and texture with emphasis upon the relation of these to physical make-up and personality.
Prerequisite: Fine Arts 41.
Three quarter hours.

Home Economics 14, 15, 16. *Foods.* Introductory food study; the course includes a study of the classifications and composition of foods, principles of cookery and practice in food preparation, meal planning and table service.
Three quarter hours each.

Home Economics 31, 32, 33. *Clothing.* Primarily a construction course; includes a study of construction principles, adaptation and alteration of commercial patterns and the use and care of sewing equipment.
Prerequisites: Home Economics 11, 12, Textiles; and Home Economics 13, Costume Design.
Three quarter hours each.

Home Economics 30. *Fundamentals of Homemaking.* A general course dealing with common housekeeping problems of the average home. Not open to Home Economic majors.
Two quarter hours.

Home Economics 34, 35, 36. *Home Planning and Furnishing.* Social and economic problems of housing in America; problems of house-buying and house-planning from the consumer's point of view. Study of line, color, and texture in furnishings used to create a pleasing interior in homes.
Prerequisites: Home Economics 11, 12; Fine Arts 41.
Two quarter hours each.

HOME ECONOMICS 51. *Family Health and Home Nursing.* A study of the factors that affect the health of the family, means of improving health and preventing diseases; practical work in home care of the sick.
Three quarter hours.

HOME ECONOMICS 52, 53. *Nutrition.* A study of the properties and nutritive values of foods; the functions of foods in meeting the nutritive requirements of the body.
Prerequisite: Chemistry 51, 52, 53.
Three quarter hours each.

3.

DIVISION OF PHYSICAL EDUCATION

Mary Virginia Page

Instructor in Physical Education

Union College is endeavoring to co-operate fully with the United States Government in its request to the colleges to make every effort to develop a program which will enable students to meet a higher standard of physical fitness.

The plan set up by the Physical Education Division consists of many activities that are beneficial from the standpoint of health yet at the same time are interesting and enjoyable to the student. Some activities are given to provide exercise and recreation suitable for students to continue after they have completed their college course. Many of the exercises and games taught will prove valuable to teachers, social workers, and those interested in directing playfiround, camp, or other recreational activities.

ACTIVITY COURSES

All students are required to register for one of the activity courses each quarter. Additional activity courses may be taken without credit.

Course Offerings.

Physical Education 11. *Restricted Activities.* Open to men students who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered each quarter.

Physical Education 12. *Restricted Activities.* Open to women who are advised by the college doctor to participate in restricted or corrective activities.

One quarter hour. Offered each quarter.

Physical Education 13. *Touch Football and Volleyball.* Open to men.

One quarter hour. Offered first quarter.

Physical Education 14. *Group Games.* Kickball, dodgeball, pushball. Open to men.

One quarter hour. Offered second quarter.

Physical Education 15. *Tennis and Volleyball.* Tennis to be

offered during the Fall term, and volleyball during the Winter term. Open to women.

One quarter hour.

PHYSICAL EDUCATION 16. *Group Games.* Speedball, boundary-ball, endball, kickball, softball. Open to women.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 17. *Archery and Basketball.* Archery to be offered during the Fall terms, and basketball during the Winter term. Open to women.

One quarter hour.

PHYSICAL EDUCATION 18. *Individual Exercises and Self-Testing Activities.* Individual exercises, stunts, apparatus, tumbling, and self-testing activities. Open to women.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 19. *Tennis and Basketball.* Open to men.

One quarter hour. Offered third quarter.

PHYSICAL EDUCATION 20. *Physical Education for Elementary Schools.* Includes the use of text and regular class meetings taking up the work of conducting plays and games. This course sets up a physical education program for the elementary school as a whole and also takes up each grade separately. Any student who is working for an elementary teacher's certificate must have this course. Open to men and women.

Three quarter hours.

PHYSICAL EDUCATION 31. *Individual Games.* Horseshoes, badminton, handball, table tennis, shuffleboard. Open to men.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 32. *Advanced Softball and Volleyball.* Open to men.

One quarter hour. Offered second quarter.

PHYSICAL EDUCATION 33. *Individual Games.* Shuffleboard, horseshoes, badminton, table tennis, and handball. Open to women.

One quarter hour. Offered first quarter.

PHYSICAL EDUCATION 34. *Advanced Archery and Basketball.* Basketball to be offered during the Winter term, and archery during the Spring term. Open to women.

One quarter hour.

Physical Education 35. *Folk Games.* Open to men and women.
One quarter hour.

Physical Education 36. *Advanced Tennis and Volleyball.* Volleyball to be offered during the Winter term, and tennis during the Spring term. Open to women.
One quarter hour.

Physical Education 37. *Advanced Tennis and Basketball.* Open to men.
One quarter hour. Offered second quarter.

Physical Education 41. *First Aid.* Treatment for injuries common to athletic activities as well as for injuries occurring in everyday life. Open to men and women.
Three quarter hours.

Physical Education 42. *Health and Safety.* This is an elementary course designed to acquaint the student with the fundamental principles of health and safety with special reference to school situations. Open to men and women.
Three quarter hours.

4.

DIVISION OF SECRETARIAL SCIENCE

Albera L. Balmer
Assistant Professor of Secretarial Science

*The Diploma of Secretarial Science is granted to a student who satisfactorily completes the prescribed two-year course in Secretarial Science with an average scholastic standing of 1.00.

A minor in Secretarial Science is offered for the degree of Bachelor of Science in Education for the Provisional High School certificate. This minor requires the completion of twenty-seven quarter hours approved by the Dean of the College and the Head of the Division.

The following courses carry college credit as indicated, and may be elected by all students with permission from the Dean of the College.

Secretarial Science 11, 12. *Shorthand.* This is a course for beginners. Its purpose is to give a thorough and systematic

*For the duration of the war the regular two-year diploma course in Secretarial Science is being replaced by an accelerated one-year course for the purpose of helping relieve the critical shortage in this profession.

presentation of the theory and principles of Gregg shorthand. Emphasis is placed both on reading and on writing. Students are expected to pass the 60-word dictation test on completion of Secretarial Science 12. The Functional Method is used. Book I and Book II are completed during the two courses. Class meets five times a week.

Four quarter hours each quarter.

SECRETARIAL SCIENCE 13, 14. *Typewriting.* This is a course for beginners also. Its purpose is to acquaint the student with the proper technique of typewriting, with stress on the mastery of the keyboard and of other working parts of the typewriter. Besides speed and accuracy in straight writing, other topics covered are proper letter arrangement, business forms, tabulating, manuscript writing, copy from rough draft, etc. The attainment of a speed of 40 words per minute on straight writing is required. Class meets five times a week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 17, 18. *Dictation and Transcription.* Prerequisites, Secretarial Science 11, 12, 13, 14, or their equivalents. Much practice is put on rapid reading and writing of shorthand, and speed and accuracy in transcription, on enlarging the vocabulary of the student, and on the use of better English. It is expected that students pass the 120-word test on completion of the course. Class meets five times per week.

Four quarter hours each quarter.

SECRETARIAL SCIENCE 21, 22. *Office Practice.* This course makes a detailed study of filing, using the Library Bureau Filing text. A certificate from that company must be earned, granted on the passing of tests covering the following kinds of filing: alphabetic, triple check automatic, numeric, geographic, subject, soundex, and decimal. Also included in the course is the use of calculators, mimeograph, ediphone, and billing machine. Class meets four times per week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 23. *Secretarial Practice.* Prerequisites, Secretarial Science 11, 12, 13, 14, or their equivalents. This course provides advanced practice in the direction of letters in connection with the work of a secretary. The course also includes the form letter, interoffice communication, proof reading, carbon copy work, legal forms, billing, application for a job, and any other general topics that might aid the student in an actual position. Assisting in the offices of the college is arranged for. Class meets four times per week.

Three quarter hours.

SECRETARIAL SCIENCE 25, 26, 27, 28. *Accounting.* This course is designed for beginners. It is an introductory course presenting the theory and principles of accounting. It starts with corporation accounting, presenting the balance sheet, financial statements, journalizing and posting; adjusting, closing, and reversing entries; controlling accounts; special cash books, journals, subsidiary ledgers; the voucher system, manufacturing costs, receivables and payables; bonds, sinking funds and reserves; consignments, etc.; private ownership and partnerships. At least one practice set is worked. Class meets two hours per week for lecture and two periods of two hours each for laboratory per week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 31. *Business English.* The purpose of this course is to aid the student in the use of correct business terms, spelling, punctuation and sentence construction as used in writing and answering those types of letters most frequently met with in business and professional offices; to express one's thoughts clearly, concisely, and simply in good English. An attempt is made to present successful letter writing as an easy natural expression of personality. Class meets three times per week.

Three quarter hours.

SECRETARIAL SCIENCE 32. *Business Law.* The purpose of this course is to acquaint the student with the most common of the laws governing general business procedure. This includes also, the history and development of these laws, with emphasis on contracts, negotiable instruments, the law of sales, insurance, agency, real property, wills, etc. This study attempts to develop a wholesome respect for law and law enforcement. Class meets three times per week.

Three quarter hours.

SUMMER SESSION

GENERAL ANNOUNCEMENT. Union College has an eleven weeks quarter of summer work divided into two five and one-half weeks' terms. The first term for 1945 opens June 11 and closes July 18. The second term opens July 19 and closes August 25. The classes meet six days each week. Classwork begins in the morning at 7:30. The program of studies published in the summer bulletin is such that a student may take the regular college courses and the courses that are required for certificates issued by the Department of Education of the State of Kentucky.

REQUIREMENTS FOR ADMISSION. The requirements for admission are the same for the Summer Session as for the regular work. For a complete statement concerning them the proper section of the catalog should be consulted. It is important that new students have transcripts of work done in high school and college sent to the Dean before the opening of the session.

CREDIT. The work offered in the Summer Session is equivalent in method, character, and credit value to that of the academic year. Eight or nine quarter hours of college work constitute an average load for a term of five and one-half weeks, but under certain conditions ten or eleven hours are permitted. Twenty-one hours is the maximum credit allowed for the two terms.

RECREATION. Near-by mountains and many historic places are easily accessible for excursions and picnics. An organized recreational program on the campus will be supervised by a faculty member. A modern gymnasium and tennis courts are available to students.

For further information write to the Dean of the College.

DEGREES GRANTED IN 1944

Bullock, Marion	A.B., cum laude	Jamaica, N. Y.
Drinnon, Grace J.	B.S. in Ed.	Middlesboro, Ky.
Fleming, Gladys	A.B., cum laude	Oceanside, N. Y.
Jarvis, Arah D.	A.B.	Barbourville, Ky.
Kessel, Wayne M.	A.B., magna cum laude	Fisher, W. Va.
Martin, Ethel E.	A.B.	Heidrick, Ky.
*Mink, Gladys	B.S. in Ed.	Corbin, Ky.
Nankivell, Eileen	B.S.	Columbia, Ky.
**Picht, Lillian H.	A.B., magna cum laude	Englewood, N. J.
Rumbley, George	A.B.	Brownsville, Ind.
Saylor, Cleston	B.S. in Ed.	Brodhead, Ky.
Scalf, Gladys	A.B., summa cum laude	Corbin, Ky.
***Woolum, Pauline	A.B.	Jenson, Ky.

REGISTER OF STUDENTS

SENIORS—1944-45

Adams, Porter	Oxford, N. Y.
Davis, Lorna June	Bourborville
Dugger, Edith	Place
Leger, Glen	Barbourville
McCreary, Hazel	Barbourville
Morgan, Katharine	Bristol, Tenn
Murphy, Maxine	Liberty
Parker, Frances S.	Corbin
Parrott, Lollae M.	Lida
Parrott, Lucille	Brock
Roberts, Thera Mae	Columbia
Rose, Joie	Carpenter
Vaughn, Wilma	Corbin
Ward, Elizabeth	Egypt
Webb, Billie	Manchester

*Degree granted as of August 20, 1943.

**Degree granted as of June 3, 1941.

***Degree granted as of July 10, 1942.

JUNIORS—1944-45

Abner, Kelen ..... Corbin
Bailey, Billie Jean ..... Middlesboro
Begley, Mary ..... Corbin
Boatman, Mrs. Caroline ..... Barbourville
Bowling, Cecil ..... Creekville
Carter, Ruth ..... Cawood
Click, Mrs. Cleo ..... Barbourville
Combs, Hobart ..... Felty
Davidson, Violet ..... Barbourville
Doby, Pauline ..... Gray
Dotson, Martha M. ..... London
Dowler, Dillie ..... London
Garrett, Nell ..... Cedartown, Ga.
Greear, Elizabeth ..... Bardstown
Johnson, Mrs. E. C. ..... Pleasureville
Kilgore, Marie ..... Coeburn, Va.
Ledford, Mattie S. ..... Peabody
McKeehan, Mary M. ..... Barbourville
Mays, Mrs. Allie M. ..... Heidick
Mellon, James ..... Sellersburg, Ind.
Mellott, Mary ..... Enola, Pa.
Noe, Viola ..... London
Parker, Ruth ..... Gray
Ponder, Eleanor Terry ..... Salem, Ind.
Saylor, Juanita ..... Crab Orchard
Scott, Geraldine ..... Travelers Rest
Tappan, Katherine ..... Delmar, Del.
Tye, Herman ..... Barbourville
White, Mildred S. ..... Williamsburg

SOPHOMORES—1944-45

Adams, Ruby Vernon ..... Gray
Blundell, Vivian ..... Lynn, Mass.
Calhoun, Mary Esther ..... Burnside
Campbell, Charlene
New Tazewell, Tenn.
Collier, Mrs. Oda B. ..... Barbourville
Cravens, Barbara ..... Pineville
Dillon, Tommy ..... Somerset
Dobson Mrs. Elsie S. ..... Sibert
Drinnon, Ralph ..... Alcoa, Tenn.
Elliott, David ..... Middleburg
Ely, Nanetta ..... Jonesville, Va.
Goins, Richard ..... Barbourville
Greene, Lois ..... Calvin
Gross, Novella ..... Eagan, Tenn.
Hall, Cleadia ..... Barbourville
Hendricks, Geneva ..... Barbourville
Hubbard, Mary P. ..... Barbourville
Hurst, Sadie ..... Pineville
Jackson, Eulalia ..... Cannon
Loi, Mary ..... Bulan
Long, Rhea ..... Jonesville, Va.
Mays, Verna Bennett ..... Barbourville
Mealer, Margaret ..... Barbourville
Miracle, Bradley ..... Balkan
Mitchell, Ruby Jarvis ..... Woodbine
Nantz, Golda ..... Helton
Ochsner, Kathryn ..... Anchorage
Parker, Ruby ..... Barbourville
Payne, Evelyn ..... Corbin
Runyon, Pauline ..... Barbourville
Salyer, Faye ..... Clifford
Saylor, Dorothy ..... Crab Orchard
Spurlock, Sallie ..... Peabody
Williams, Louise ..... Louisville

FRESHMEN—1944-45

Allen, Glima ..... Shelbiana
Amis, Mildred ..... Barbourville
Baker, Lesa ..... Barbourville
Benjamin, Lois ..... Barbourville
Blackburn, Fern ..... Loyall
Boggs, Emogene ..... Jenkins
Brown, Joyce ..... Saugus, Mass.
Bruce, Evelyn ..... Barbourville
Carter, Lena Jean ..... Barbourville
Cresse, Margaret ..... Westmont, N. J.
Crum, Irene ..... New Lexington, O.
DeLong, Kenneth ..... Barbourville
Disney, Jean ..... Gray
Dulling, Jean ..... Jellico, Tenn.
Early, Jack ..... Corbin
Eaton, Janrose ..... Corbin
Fortney, Nina ..... Barbourville
Gaines, Fay ..... Kingsport, Tenn.
Garland, Lois ..... Gray
Gibson, Callie Mae ..... Artemus
Gilbert, Rose ..... Blackwater
Giles, Agnes ..... Coeburn, Va.
Grable, Virginia ..... Baxter
Graham, Rozelle ..... Stoneham, Mass.
Greene, Marie ..... Barbourville
Grizzell, Doris ..... Cleveland, Va.
Haggard, Mrs. G. M. ..... Barbourville
Hall, Janelle ..... Coebun, Va.
Harris, Elva ..... Benham
Helton, Mabel ..... Corbin
Hopkins, Helen ..... Loyall
Howard, Juanita ..... Pathfork
Howard, Lois ..... Wallins

Hutchinson, Mary M. Huntington, W. Va.
Ison, Loraine ..... Flatwoods
Johnson, Roberta ..... Brooklyn, N. Y.
Lehman, John ..... Beverly
Mahler, Fred ..... Lynn, Mass.
Miller, Laymon ..... Artemus
Miller, Marjorie ..... Artemus
Mills, Sterling ..... Barbourville
Mitchell, Maurice ..... Barbourville
Moore, Vernon ..... Barbourville
Noss, Virginia ..... Dayton, O.
Ochsner, John ..... Anchorage
Owens, Ida Mae ..... Corbin
Parker, Jewell ..... Barbourville
Pearson, Robert ..... Lynn, Mass.
Pennington, Annette ..... Four Mile
Perkins, Betty Jo ..... Corbin
Price, Mariam ..... Corbin
Randall, Ralph ..... Barbourville
Roberts, John M. ..... Harlan
Root, G. B. ..... Lincoln
Scalf, Dewana ..... Pineville
Slusher, Amanda ..... Beverly
Slusher, Mary ..... Beverly
Smith, Beulah ..... Harlan
Smith, Kermit ..... Rose Hill, Va.
Smith, Kyle ..... Rose Hill, Va.
Spooner, Elizabeth ..... Acushnet, Mass.
Stalford, Marie ..... Binghamton, N. Y.
Stuart, Doris ..... Pineville
Taylor, Pansy ..... Calloway
Taylor, U. R. ..... Barbourville
Thistle, Norma ..... Wakefield, Mass.
Toll, Margaret ..... Newport
Treadway, Sherley ..... Barbourville
Turner, Christine ..... Incline
Viall, Mary Katherine ..... Barbourville
Warren, Bernice ..... Flat Lick
Waterman, Chester ..... Somerville, Mass.
West, Helen Rose ..... Barbourville
Whitfield, Olga ..... Barbourville
Williams, Ruby Lee ..... East Bernstadt
Wilson, Edith ..... Pineville
Winters, Eleanor ..... Brownsville, Ind.
Wolfe, Vivian ..... Harlan
Yeager, Edward ..... Barbourville

1944 SUMMER SESSION

Andrews, Rufus ..... Catlettsburg
Bailey, Billie Jean ..... Middlesboro
Bailey, Mrs. Wade H. ..... Middlesboro
Baker, Wilma ..... Kay Jay
Begley, Mary ..... Corbin
Bingham, Irene ..... Flat Lick
Bingham, James ..... Scalf
Black, Axie ..... Artemus
Blair, Ina Nelson ..... Barbourville
Blevins, Della C. ..... Evarts
Boatman, Caroline ..... Barbourville
Bowling, Alma ..... Creekville
Bright, Fannie ..... Bailey's Switch
Bullock, Marion ..... Jamaica, N. Y.
Burke, Gordon ..... Jonancy
Burnett, Lillian ..... Boreing
Campbell, Zella C. ..... Williamsburg
Carter, Paul ..... Cawood
Cope, Mary ..... Benham
Cravens, Barbara ..... Pineville
Davis, Lorna June ..... Barbourville
Dillon, Tommy ..... Somerset
Disney, Jean ..... Gray
Doby, Pauline ..... Gray
Dossett, Bernice ..... Williamsburg
Drinnon, Ralph ..... Alcoa, Tenn.
Dugger, Edith ..... Place
Eastridge, Ruby ..... Bryants Store
Eastridge, Winnie ..... Bryants Store
Eastridge, Ruth ..... Bryants Store
Frazier, Easter June ..... Gray
Garland, Lois ..... Gray
Garrett, Nell ..... Cedartown, Ga.
Goins, Richard ..... Barbourville
Gover, Margaret ..... Corbin
Greene, Marie ..... Barbourville
Gross, Novella ..... Eagan, Tenn.
Hayes, Josephine ..... Marion, Va.
Hilton, Rose ..... Mt. Vernon
Holcomb, Gladys ..... Wallins
Hubbard, Edith ..... Manchester
Hubbard, Mary P. ..... Barboursville
Hubbs, Emmalene ..... Corbin
Jenkins, Bertha ..... Artemus
Jenkins, Nannie C. ..... Artemus
Jones, Grace ..... Clio
Jones, Jayne ..... Barbourville
Jones, Lee ..... Evarts
Kilgore, Marie ..... Coeburn, Va.
Lehman, John ..... Beverly
Lindsay, Thelma ..... Corbin
McCreary, Hazel ..... Barbourville
McKeehan, Mary M. ..... Barbourville
McKenna, Edythe ..... Loyall
Martin, Virginia ..... Barbourville
Mays, Allie M. ..... Heidrick
Mays, Clara B. ..... Swan Lake
Mays, Cleda ..... Gausdale
Mealer, Margret ..... Barbourville
Mellott, Mary ..... Enola, Pa.
Miller, Cleadith ..... Flat Lick
Miller, Laymon ..... Artemus

Mills, Frances — Pineville
Mills, Sterling — Barbourville
Miracle, Walter R. — Loyall
Naylor, Fernan — Buena Vista
Nolan, Grace — Cumberland
Nolan, Lorraine — Cumberland
Parker, James — Corbin
Parker, Jewell — Barbourville
Parker, Ruby — Barbourville
Parrott, Lollae Mae — Lida
Payne, Evelyn — Corbin
Perkins, Goldie J. — Benham
Ponder, Eleanor T. — Salem, Ind.
Pursiful, Mildred — Loyall
Rains, Virginia — Verne
Rice, George — Monticello
Rice, Janet — Artemus
Rose, Joie — Carpenter
Rumbley, George — Brownsville, Ind.
Salyer, Faye — Clifford
Saylor, Cleston R. — Brodhead
Smith, Bessie — Garrard
Smith, Betty — Barbourville
Smith, Dorotha — Sharpsburg
Smith, Lois — Goose Rock
Tye, Barbara — Barbourville
Vaughn, Wilma — Corbin
Ward, Elizabeth — Egypt
Webb, Billie — Manchester
Webb, Dorothy F. — Long Island, N. Y.
Webb, Mary Lena — Hustonville
West, Helen Rose — Barbourville
Williams, Irene — Artemus
Yeager, Edward — Barbourville

EXTENSION—1944-45

Allen, Kathleen B. — Loyall
Arnold, Loretta — Evarts
Barnett, Carrie — Loyall
Brassfield, Juanita — High Splint
Brokaw, Charline H. — Evarts
Brooks, Rella — Evarts
Burkhart, Serena — Wallins
Carr, Mary Emogene — Harlan
Causey, Ada G. — Harlan
Cochran, Blanche P. — London
Combs, Alene — Loyall
Cook, Jean E. — LeJunior
Cox, Ethel L. — Harlan
Cox, Mary Ruth — High Splint
Creech, Pauline — LeJunior
DeBusk, Carrie S. — Harlan
Dotson, Martha M. — London
Dowler, Dillie B. — London
Durham, Grace H. — Brock
Durham, Irene — Brock
Estes, Laura — London
Farris, Grace — East Bernstadt
Fiechter, Bertha — Pittsburg
Fiechter, Carrie B. — Kenvir
Fore, Mossie A. — Harlan
French, Pearl — Mershons
Frisby, Lorna — Evarts
Frisby, Myrtle — Evarts
Garland, Alice F. — Closplint
Garland, Charles — Closplint
Gregory, Mattie Lee — Harlan
Hamlin, Opal Juanita — East Bernstadt
Harrison, LaVina — Evarts
Hayes, Bonnie C. — Louellen
Hensley, Myrtle F. — Harlan
Hightower, Anna O. — Ages
House, Thelma Lee D. — London
Howard, Elizabeth H. — Harlan
Howard, George — Harlan
Howard, Lavinia — Wallins
Hudson, Ellen M. — LeJunior
Hudson, Hettie E. — LeJunior
Jackson, Mary E. — Evarts
Johnson, Nora E. — London
Jones, Bertie M. — London
Jones, Lee — Evarts
Kennedy, Margaret H. — Evarts
King, G. P. — Evarts
Lawson, Lorene B. — Loyall
Lewis, Artrice B. — Dayhoit
Lewis, Mattie Huff — Putney
Lewis, Sallie H. — Harlan
Lovett, Erma — Loyall
Mardis, Verla — Oakley
Mawhorter, Elsie — Sedalia, Mo.
Miller, Willa B. — East Bernstadt
Noe, Viola — London
Parks, Eva Smith — Cawood
Parrott, Lucille D. — Brock
Price, Myrtle — Harlan
Pursiful, Mildred — Loyall
Saylor, Calla — Dayhoit
Seale, Mary G. — Harlan
Stanton, Mrs. A. J. — Newborn, Ga.
Troglen, Martha — Evarts
Turner, Mildred — Incline
Unthank, Estelle — Loyall
Williams, Kathleen — London
Wilson, Edna Lee — Closplint
Wilson, Fannie M. — Evarts

SUMMARY OF ENROLLMENT

March 29, 1945

	NUMBER ENROLLED AS																	
	Freshmen			*Sophomores*			*Juniors*			*Seniors*			*Specials*			*Total*		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Summer Session:																		
First Term	5	17	22	6	20	26	0	23	23	4	13	17	0	1	1	15	74	89
Second Term	3	5	8	4	11	15	0	8	8	3	9	12	0	1	1	10	34	44
Extension	0	0	0	0	0	0	0	14	14	0	5	5	0	0	0	0	19	19
Total Enrollment Summer Session (Excluding Duplicates and Extension)	6	19	25	5	22	27	0	24	24	4	15	19	0	1	1	15	81	96
Fall Quarter:																		
Full-time Students	12	42	54	4	13	17	3	12	15	1	6	7	0	0	0	20	73	93
Part-time Students	3	1	4	0	0	0	0	0	0	0	0	0	0	1	1	3	2	5
Winter Quarter:																		
Full-time Students	10	48	58	3	13	16	3	13	16	1	5	6	0	0	0	17	79	96
Part-time Students	1	0	1	0	1	1	0	0	0	0	0	0	0	3	3	1	4	5
Second Term	1	4	5	0	7	7	1	3	4	0	2	2	0	1	1	2	17	19
Extension	1	21	22	0	7	7	1	7	8	2	7	9	0	4	4	4	46	50
Spring Quarter:																		
Full-time Students	13	52	65	3	24	27	2	22	24	2	10	12	0	0	0	20	108	128
Part-time Students	1	1	2	0	3	3	0	3	3	0	1	1	0	1	1	1	9	10
Total Enrollment Fall, Winter, and Spring (Excluding Duplicates and Extension)	19	61	80	5	29	34	4	26	30	2	12	14	0	4	4	30	132	162
Total for Academic Year (Excluding Duplicates)	20	93	113	9	48	57	5	58	63	8	31	39	0	8	8	42	238	280

Full-time Student Equivalent: 148.38

Memoranda

UNION COLLEGE

1946 BULLETIN 1947

"Go to College in Kentucky"

UNION COLLEGE BARBOURVILLE, KENTUCKY
PRO DEO ET HOMINE
FOUNDED IN 1879

Accredited Recognition

Member of
Southern Association of Colleges
and Secondary Schools

Member of
Kentucky Association of Colleges
and Secondary Schools

Member of
Association of American Colleges

Member of
University Senate Methodist Church

Member of
Kentucky Association of Church-Related Colleges

Accredited as a Standard Four Year College by the University of Kentucky, by the Department of Education of the State of Kentucky, and by the University of the State of New York.

Union College
Bulletin

Catalog Issue

1946-1947

VOL. VII, No. 2 (New Series) April, 1946

PUBLISHED QUARTERLY BY

Union College

Barbourville, Ky.

FEBRUARY, APRIL, JULY, AND OCTOBER

Entered as second-class matter at the post office at Barbourville, Kentucky, under Act of Congress, August 24, 1912.

Objectives of Union College

The over-all aim of Union College is to prepare efficient Christian leaders for a contemporary society. Certain limitations, either imposed by charter purpose or size of the college, channel its function. Liberal education with a positive Christian emphasis is a charter requirement. Yet the traditions of Union vouchsafe freedom in the interpretation of liberal education to form a balance between general and vocational education: the purpose of general education being cultural and the purpose of vocational education being semiprofessional through a plan of field concentration of studies. The founding fathers used the word "Christian" without denominational or doctrinal bias, and purposed that young people from any or no denomination could live and work at ease in Union's atmosphere. But creedal tolerance is to be exercised in a program of positive Christian purpose on part of trustees and faculty to the end that through a labaratory of Christian living of students and faculty and through the stimulation of a progressive Christian idealism as basic in a working philosophy of life the Christian way of life should be made meaningful and winsome to every student. There has been a clear, but unwritten, aim in Union's history that the college should not aspire to be large in enrollment but instead to be a small, senior college, achieving excellence in academic quality and homelikeness in the simplicity and directness of social relations on the campus.

Serving the needs of Union's area of location must be included in the program of action. Such a service is of two parts. First, there is recognition of special background needs of young people who enroll from Southeastern Kentucky. These problems may be social, economic, or personality adjustments that are distinctive, and must be adequately attacked by special consideration in curricular offerings, methods of instruction, social and health activities, and educational, religious and vocational guidance. Second, there is a service of the college to the community or area in which it is located. This will consist of leadership service of faculty and students through any community agencies where demand and cooperation may arise. Union College is related to the Methodist Church. While this fact should never mean any less service to young people of other or no denomination, it does imply a responsibility of the college to the sponsoring church organization. That responsibility is of two sorts: First, the sponsoring church should be able to rejoice in a highly effective Christianizing influence of the college upon the life of all students; second, the college must actively attract to the campus members of the sponsoring church and definitely guide the most promising of these to enlist in and prepare for professional church leadership.

TO PROSPECTIVE STUDENTS AND PARENTS:

Union College exists for the purpose of *Christian* education. Academic standards are high and Christian standards are high. This college seeks for enrollment those young people who sincerely and earnestly desire a college education under Christian leadership and influence. It is necessary that every Union student strive for the development of true Christian character in himself and in his fellow students if he is to be happy and feel at home on the campus.

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1946

January

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1947

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September

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28	29	30	31			

CALENDAR FOR THE COLLEGE YEAR

1946 - 1947

SUMMER QUARTER — 1946

First Term

June 10, *Monday*. Registration for first term.
June 11, *Tuesday*. Classes begin.
June 15, *Saturday*. Last date to register for first term.
July 16, *Tuesday*. First term commencement.
July 17, *Wednesday*. First term ends.

Second Term

July 18, *Thursday*. Registration for second term.
July 19, *Friday*. Classes begin.
July 24, *Wednesday*. Last date to register for second term.
August 20, *Friday*. Second term commencement.
August 24, *Saturday*. Second term ends.

FALL QUARTER — 1946-47

September 21, *Saturday*. Faculty conference, 8:00 A.M.
September 22, *Sunday*. Dormitories open.
September 23, 24, *Monday, Tuesday*. Freshman orientation; and registration for sophomores, juniors, and seniors.
September 25, *Wednesday*. Freshman registration.
September 26, *Thursday*. Classes begin, 8:00 A. M.
September 27, *Friday*. College convocation, 11:00 A. M.
October 2, *Wednesday*. Last date to register for fall quarter.
November 21, 22, 23, *Thursday, Friday, Saturday*. Thanksgiving recess.
December 11, 12, 13, *Wednesday, Thursday, Friday*. Final examinations.
December 13, *Friday*. Fall quarter ends, 5:00 P. M.

WINTER QUARTER — 1946-47

December 30, *Monday*. Registration for winter quarter.
December 31, *Tuesday*. Classes begin, 8:00 A. M.
January 6, *Monday*. Last date to register for winter quarter.
March 13, 14, 15, *Thursday, Friday, Saturday*. Final examinations.
March 15, *Saturday*. Winter quarter ends, 5:00 P. M.

SPRING QUARTER — 1946-47

March 19, *Wednesday*. Spring quarter registration.
March 20, *Thursday*. Classes begin, 8:00 A. M.
March 21, *Friday*. High- school Senior Day.
March 26, *Wednesday*. Last date to register for spring quarter.
June 1, *Sunday*. Baccalaureate services, 10:30 A. M.
June 3, *Tuesday*. Sixty-eighth annual commencement, 10:30 A. M.
June 2, 4, 5, *Monday, Wednesday, Thursday*. Final examinations.
June 5, *Thursday*. Spring quarter ends, 5:00 P. M.

SUMMER QUARTER — 1947

First Term

June 9, *Monday*. Registration for first term.
June 10, *Tuesday*. Classes begin.
June 13, *Friday*. Last date to register for first term.
July 15, *Tuesday*. First term commencement.
July 16, *Wednesday*. First term ends.

Second Term

July 17, *Thursday*. Registration for second term.
July 18, *Friday*. Classes begin.
July 22, *Tuesday*. Last date to register for second term.
August 22, *Friday*. Second term commencement.
August 23, *Saturday*. Second term ends.

BOARD OF TRUSTEES

Term Expiring 1946

C. B. Cawood.....Harlan, Ky.
A. R. Perkins.....Harlan, Ky.
*Mrs. Henry Pfeiffer.....New York City, N. Y.
S. L. Renfro.....Williamsburg, Ky.

Term Expiring 1947

T. W. Appleby.....2400 Reading Road, Cincinnati, Ohio
Luther M. Walter.....2106 Field Building, Chicago, Ill.
J. W. Weldon.....Third Street at Guthrie, Louisville, Ky.
E. S. Woosley.....Louisville Trust Co., Louisville, Ky.

Term Expiring 1948

J. H. Richardson.....Maysville, Ky.
W. C. Stewart.....316 Prospect Avenue, Bellevue, Ky.
Kenneth H. Tuggle.....College Street, Barbourville, Ky.
J. Ralph Wood.....Hazard, Ky.

Term Expiring 1949

Harry E. Bullock.....Union Station Building, Lexington, Ky.
Joseph Edinger.....1580 Parsons Place, Louisville, Ky.
Sampson Knuckles.....Barbourville, Ky.
H. A. Sprague.....818 S. Kentucky Avenue, Evansville 13, Ind.
Bedford Turner..... Henderson, Ky.
C. E. Vogel..... Pikeville, Ky.

Term Expiring 1950

S. C. Rice.....1229 North Ft. Thomas St., Ft. Thomas, Ky
Mrs. F. D. Sampson.....Sampson Hill, Barbourville, Ky
C. N. White.....Barbourville, Ky.

Term Expiring 1951

Alvis S. Bennett..... Hartford, Ky.
*J. L. Decell.....Box 2009, Jackson, Miss.
John Hughes.....Barbourville, Ky.
M. E. Pate.....Madisonville, Ky.
Henry M. Zimmerman .....2062 Reading Road, Cincinnati, Ohio

Members Emeriti

C. B. Nordeman.....1650 Beechwood, Louisville, Ky.

Ex-Officio Members

Conway Boatman.....Baldwin Place, Barbourville, Ky.
W. T. Watkins.....1820 Casselberry Road, Louisville 5, Ky.

*Deceased.

OFFICERS OF THE BOARD

Harry E. Bullock.....*President*
S. C. Rice.....*Vice-President*
Alvis S. Bennett.....*Secretary*
James F. Blair.....*Treasurer*

STANDING COMMITTEES OF THE BOARD

Executive—
C. Boatman, *Ex-Officio Chairman*
C. B. Cawood
C. N. White
K. H. Tuggle
Mrs. F. D. Sampson
S. L. Renfro

Finance—
K. H. Tuggle
A. S. Bennett
Bedford Turner
J. Ralph Wood
E. S. Woosley
Joseph Edinger

Endowment—
H. E. Bullock
L. M. Walter
H. M. Zimmerman
J. F. Blair
T. W. Appleby
K. H. Tuggle
E. S. Woosley

Buildings and Grounds—
Mrs. F. D. Sampson
J. H. Richardson
Sampson Knuckles
W. C. Stewart
S. C. Rice

Personnel and Policy—
C. E. Vogel
H. A. Sprague
J. W. Weldon
A. R. Perkins
W. T. Watkins
J. L. Decell

Development—
Mrs. F. D. Sampson
H. A. Sprague
W. C. Stewart
C. N. White
M. E. Pate
Mrs. Henry Pfeiffer
John W. Hughes

Nominations—
S. C. Rice
C. E. Vogel
J. H. Richardson

ADMINISTRATIVE STAFF

Conway Boatman ..... *President*
Charles R. Wimmer.....*Dean of the College*
James F. Blair.....*Treasurer*
Marvin Topping.....*Director of Public Relations*
Frank K. Burgess.....*Registrar*

ISLA ELLERBE.....*Dean of Women*
*ALLEEN WILSON ..... *Librarian*
STITH CAIN ..... *Librarian*
OPAL LUCE.....*Secretary to the President*
SALLY MCCLASKEY.....*Secretary to the Dean*
ERNESTINE RICHARDSON .....*Dietitian*
GEORGE A. KING.....*Superintendent of Buildings and Grounds*

*Resigned December 12, 1945.

THE FACULTY

CONWAY BOATMAN, A.B., B.D., M.A., D.D. (1938) Baldwin Place
President

CHARLES R. WIMMER, M. S., Ph. D. (1932) 403 College Street
Dean of the College
Professor of Chemistry and Head of Department of Physical Sciences

B.S., Allegheny College, 1923; M.S., Ohio State University, 1925; Ph.D., University of Cincinnati, 1932; graduate study: Yale University, 1928-29; Columbia University, summer 1942.

BYRON H. GIBSON, A.M., Ph.D. (1932) 411 College Street
Professor of English and Head of the Department of Languages
A.B., Birmingham-Southern College, 1928; A.M., University of Illinois, 1929; Ph.D., ibid., 1931.

DAVID WESLEY SOPER, S.T.B., Ph.D. (1943) 420 College Street
Francis Landrum Memorial Professor of Bible and Philosophy and Head of the Department of Bible and Philosophy
A. B., John S. Stetson University, 1934; S. T. B., Biblical Seminary in New York, 1938; Ph.D., Drew University, 1945.

STRAUTHER W. GRISE, M.A., Ph.D. (1945) 615 N. Main Street
Professor of Education, Head of the Department of Education, and Director of Extension
A.B., Western Kentucky State Teachers College, 1927; M.A., Peabody College, 1931; Ph.D., University of Kentucky, 1943.

MARVIN M. KEITH, M.S., Ph.D. (1945) South Main Street
Professor of Biology and Head of the Department of Biology
B.S., University of Idaho, 1927; M.S., ibid., 1928; Ph.D., University of Minnesota, 1933.

PHILIP M. SMITH, Th.B., M.Ed., Ph.D. (1945) 407 College Street
Russell M. Bennett Memorial Professor of Sociology and Head of the Department of Social Studies

B. S. Temple University, 1924; Th. B., Princeton Theological Seminary, 1928; M.Ed., University of Pittsburgh, 1938; Ph.D., ibid., 1942; summers, Cornell University, University of Chicago, University of Denver.

BERNARD E. WILSON, B.S., M.A. (1945) Stevenson Hall
Professor of Physical Education and
Head of the Department of Physical Education
B.S., Eastern Kentucky State Teachers College, 1936; M.A., University of Kentucky, 1938; Duke University Coaching School, summer 1936; University of Tennessee Coaching School, summer 1937 ;University of Kentucky Coaching School, summers 1938, 1939.

W. EVERETT HENDRICKS, A.B., M.M. (1946)
Professor of Music Education and Head of the Department of Fine Arts
A.B., Allegheny College, 1937; M.M., Chicago Conservatory, 1940; graduate study: Heidelberg, Germany; Eastman Conservatory.

KATHLEEN MOORE, A.B., M.A., (1937) Mitchell Apartments
Associate Professor of Education
A.B., Mississippi State College for Women, 1926; M.A., Teachers College, Columbia University, 1929; graduate study: ibid., 1932; Ohio State University, summer 1940; Columbia University, summer 1945.

ISLA ELLERBE, A.B., M.A. (1945) Pfeiffer Hall
Dean of Women and Assistant Professor of English
A.B., Winthrop College, 1929; M.A., Duke University, 1941.

ALICE ROBERTSON SMITH, A.B., M.A. (1942) Pfeiffer Hall
Associate Professor of Home Economics
Assistant Dean of Women
A.B., Cumberland University, 1922; M.A., Columbia University, 1942; graduate study, University of Texas, 1925-26; Peabody College, summers 1931, 1934; Music School of Potomac State College, 1929-32; Columbia University, summer 1943; National School of Dress Design, summer 1945.

ALDIS B. EASTERLING, A.B., M.A. (1943) 325 College Street
Assistant Professor of Spanish and French
A.B., Lawrence College, 1912; M.A., University of Kansas, 1922; University of Chicago, summers 1924, 1925, 1927; University of Mexico, summer 1926; University of Wisconsin, 1931-35; six summer terms, 1920-1932; University of Paris, fall semester, 1938; fall and spring semesters, 1939-40.

LEILA WILLIS POAGE, A. B., LLB., M. A. (1944) Speed Hall
Assistant Professor of English and Speech
A. B., University of Kentucky 1926; L.L.B., Cincinnati Night

Law School, 1934; M.A., University of Kentucky, 1937; graduate study: ibid., summer 1945.

TORA LARSEN, A.B., M.A. (1945) 134 Wall Street
Assistant Professor of Secretarial Science
A.B., St. Olaf College, 1932; M.A., Columbia University, 1942; ibid., summer 1945.

FRANK K. BURGESS, A.B., M.A. (1935)
Registrar
A.B., Union College, 1935; M.A., University of Kentucky, 1940.

*ALLEEN WILSON, A.B., B.S. in L.S. (1943) Speed Hall
Librarian
A.B., Missouri Wesleyan, 1919; B.S. in L.S., University of Illinois, 1929; graduate study: University of Colorado, summer 1920.

PHILLIP I. PETERS, B.S. (1943) 219 Knox Street
Instructor in Mathematics and Physics
B.S., Union College, 1941; graduate study: University of Kentucky, summer 1943; Ohio State University, summers, 1944, 1945.

STITH CAIN, B.A., M.A., B.S. in L.S., M.Ed. (1946) 115 Pine St.
Librarian
B.A., Vanderbilt University, 1934; M.A., University of Virginia, 1936; B.S. in L.S., Peabody College, 1938; M.Ed., ibid., 1945.

W. M. WILSON, A.B., M.A. (1937) Pine Street
Assistant Professor of Education in Summer Sessions
A.B., New Mexico Normal, 1925; M.A., Peabody College, 1928; graduate work, ibid., summer sessions, 1930, 1931.

**WILLIAM H. JEFFREY, A. B., M. A. (1945) Stevenson Hall
Instructor in History
A.B., Drew University, 1942; M.A., University of Michigan, 1944; University of Colorado, 1944-45.

JULIA MARSHALL, B. S. in Ed., M. A. (1945) 134 Wall Street
Instructor in Physical Education
B.S. in Ed., Kent State University, 1937; M.A., ibid., 1940; graduate study, ibid., 1941-42.

LUCILLE EPPERSON, B.M. (1945) Corbin, Kentucky
Instructor in Music
B.M., Cincinnati Conservatory of Music, 1936; graduate study, ibid., summers, 1944, 1945; University of Southern California, summer, 1941.

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*Resigned December 12, 1945.
**Resigned February 16, 1946.

Katherine Van Deusen Sutphen (1932) Speed Hall

Instructor in Piano and Art

Graduate, Soloist's Diploma, New England Conservatory of Music, Boston, Mass.; summers, University of Illinois, University of Nebraska, University of Washington, D. C.; Art Colony, Rockport, Mass.

STUDENT ASSISTANTS

Vivian Blundell.....Office of Public Relations
Jean Dulling .....Chemistry
Elizabeth Greear.....Office of the Treasurer
Marie Kilgore.....Campus Bookstore
Esther Perez.....Drillmaster in Spanish
Mary Katherine Viall.....Mathematics, Physics

CRITIC TEACHERS—BARBOURVILLE CITY SCHOOLS

T. J. Jarvis

A. B., Union College, 1927; M. A., University of Kentucky, 1945.

Zella Pelly Jarvis

A. B., Union College, 1932; M.A., University of Kentucky, 1942.

Amanda Hammond Mitchell

B. S. in Education, Union College, 1933; graduate study: University of Kentucky, summers 1934, 1935, 1940, 1941.

Kathryn Parker

A.B., Union College, 1932; graduate study: University of Kentucky, summer 1938.

Florence Prichard

A.B., Union College, 1932.

HISTORY OF UNION COLLEGE

Union College was founded in 1879 by a group of progressive citizens of Barbourville, who formed a stock company and by donation secured the main part of the present campus. In 1880 the first building was formally opened on the site of the present Administration Building. Mr. A. H. Harritt, who was instrumental in the organization of the school, was its first Principal. The local group soon discovered that the debt for the new building was too great for them to carry, and accordingly, in 1886, the buildings and property were ordered sold by the court. The Rev. Daniel Stevenson, the President of Augusta Collegiate Institute at Augusta, Kentucky, took interest in Union College, and in 1886 purchased the property for the Board of Education, Kentucky Conference, Methodist Episcopal Church. He became the first President under the new management, and during his term was instrumental in enlisting the friendship of Mrs. Fanny Speed, who later left the College a legacy that guaranteed its permanence.

Dr. Stevenson ranks as one of Kentucky's foremost educators. He was graduated from Transylvania University when Dr. Henry Bascom was its President. As a member of the Kentucky Conference, Methodist Episcopal Church, South, he was one of the leaders who helped in founding Kentucky Wesleyan College, now located at Winchester, Kentucky. In 1863 he was elected the first full-time superintendent of public instruction in Kentucky and exercised a wide influence in popularizing public education throughout the state. He brought this mature experience to Union College and placed its objectives in clear view.

Upon the death of President Stevenson in 1897, the Rev. James P. Faulkner, a member of the first graduating class of Union College, was elected to succeed him. During the administration of President Faulkner the college came into possession of the bequest of Mrs. Fanny Speed, and from that time its expansion was marked. During the same administration Fanny Speed Hall and the Central Heating Plant were planned and the work on the buildings was begun. These buildings were not available for use, however, until the beginning of the next administration, that of Rev. James W. Easley, B.D., A.M., whose term of office began in 1905. During the summer of 1906 the Administration Building was struck by lightning and burned. One year later it was replaced, and Stevenson Hall, dormitory for men, was erected. The coming of the elective system and the broadening of the curriculum made a college program seem like an impossible task to those in charge. The college department was therefore discontinued in 1908, and for eight years the institution was maintained only as an academy and an elementary school.

Pfeiffer Hall, one of the residences for women.

Upon resignation of President Easley in 1910, the Hon. James D. Black, LL.D., of Barbourville, later Governor of Kentucky, became the fourth President of Union College. The two years of President Black's connection with the school are remembered as years of substantial growth.

For the next three years the school was under the leadership of President Percy L. Ports, who for several years had been Professor of Natural Science. He was followed in 1914 by the Rev. E. R. Overley, who served as Acting President. This was the critical period in which the nature of the work that Union Colloge should do in the future was being determined.

In 1914 the Board of Education of the Methodist Episcopal Church, through its corresponding secretary, Dr. Thomas Nicholson, became interested in Union College and assisted the Board of Education of the Kentucky Conference in planning for its future. The Rev. Ezra T. Franklin, elected President in the same year, worked in close co-operation with the Board of Education of the Methodist Episcopal Church and soon formulated a far-reaching and practical program. In 1919 the Memorial Gymnasium was built; in 1925 a home for the President was completed. A development program, inaugurated in 1921, helped to provide these improvements and materially aided in increasing the invested funds of the college.

In 1927 a bequest of $50,000 was received from the estate of Mrs. Obed H. Wilson for the establishing of a professorship known as the "Francis Landrum Professor of Ethics and Moral Conduct."

President Franklin severed his relationship with Union College November 15, 1928, to become President of Southwestern College, Winfield, Kansas. He was succeeded on February 1, 1929, by the Rev. John Owen Gross.

President Gross, from the beginning of his administration, emphasized the improvement of instruction and the building of a strong faculty. His ambition was to see Union College accredited by all the regional agencies. That his ambitions were reached is well shown by the acceditation the college now has. President Gross succeeded in improving the quality of work of Union College and in broadening the service to the area which the institution renders. During his administration, land adjacent to the campus was purchased, thus making possible further expansion of the college. A modern maintenance building housing the central heating plant, workshops, and several classrooms was erected during his administration.

President Gross resigned on August 20, 1938, to accept the position of President of Simpson College, Indianola, Iowa. He was succeeded on November 4, 1938, by Dr. Conway Boatman.

Under the leadership of President Boatman the college has continued to progress. In January, 1941, the college occupied its modern library, built for the purpose of taking care of the needs of the college in the future, as well as at the present time. In January, 1943, Pfeiffer Hall, a residence for young women, was completed and occupied. Other important features of President Boatman's administration have been the securing of an increase in endowment funds, and the equipping of secretarial science and home economics laboratories. From September, 1943 to January, 1945, the faculty of the college made a thorough self-survey of the college and its program. The survey resulted in the adoption of an extensive and progressive post-war program of action.

ACCREDITATION

In 1927 Union College was accredited by the University of Kentucky as a four-year college of A grade; in 1928 it was admitted to membership in the Association of Colleges and Universities of Kentucky; in 1931 it was accredited by the University Senate of the Methodist Episcopal Church; and in 1932 it was elected to membership in the Association of American Colleges. On December 1, 1932, its program for full accreditation was realized when it was made a member of the Southern Association of Colleges and Secondary Schools. The Board of Regents of the University of the State of New York placed Union College on its accredited list in 1937.

LOCATION

Union College is located in Barbourville, the county seat of Knox County, Kentucky, near the southeastern corner of the state. It is within thirty-five miles of the cornerstone of three states—Kentucky, Virginia, Tennessee. Barbourville is a town of about 2,500 population, located in a broad valley at the confluence of Richland Creek and the Cumberland River. It is surrounded by low hills of the Cumberland Mountain range. There are Baptist, Disciple, and Methodist Churches, and two accredited high schools, county and city. Barbourville is located on U. S. Highway 25E. Busses that make connections with points north and south pass through the town regularly. It is also on the Cumberland Valley Division of the Louisville and Nashville Railroad.

BUILDINGS

ADMINISTRATION BUILDING.—This building was erected in 1907 on the site of the one that was burned in 1906. It is a three-story structure of brick trimmed with Tennessee marble; it contains the various classrooms and laboratories, the chapel, and administrative offices. The ground floor also houses the kitchen and dining room.

Speed Arts Building.—This building, which was formerly the Speed Hall Dormitory for women, houses the Fine Arts and the Practical Arts divisions. Music and art have their studios and the Home Economics division has its laboratories and classrooms in this building.

Stevenson Hall.—The dormitory for men is a two-story brick building of colonial design. The rooms accommodate two students each. Some of the rooms have running water.

Memorial Gymnasium.—This building was erected in 1919 as a Memorial to the Soldiers and Sailors of World War I. It contains a regulation basketball court, showers, lockers, and dressing rooms.

Abigail E. Weeks Memorial Library.—Union's new library, which houses approximately 17,000 books, and receives regularly 290 periodicals, was opened for use January 13, 1941. A large reading room with space for 150 readers houses the reference books, current magazines, and bound periodicals. Books reserved for special class use are shelved in a smaller reading room on the second floor. In this room are also the books of fiction and the books given the International Relations Club by the Carnegie Corporation for International Peace. Well-equipped workrooms and tastefully furnished lounge rooms add to the efficiency and beauty of the building. The library was adequately furnished throughout by Mrs. Abbie E. Stewart, of Des Moines, Iowa, in memory of her husband, George B. Stewart.

Pfeiffer Hall.—In January, 1943, the new women's residence hall, Pfeiffer Hall, was completed and occupied. This modern, fireproof residence hall has capacity for 88 girls. This is a most delightful residence in all its appointments. In addition to bedrooms on the first floor, there are the large general parlor, the faculty and senior parlor, the kitchen and serving room, two guest rooms, four-bed hospital, and ironing room. On the second floor are the commodious lounge and play rooms. Student bedrooms are thoroughly furnished with new furniture, beautiful and comfortable. Four large general bath and lavatory rooms provide ample facilities without any crowding. Union takes pride in offering to women resident students living facilities second to none in the nation.

Baldwin Place.—This part of the campus was made possible by the gifts of Mr. and Mrs. F. E. Baldwin, Elmira, New York. The President's home is located on this site.

Maintenance Building.—This building was erected in 1937. It is a two-story brick building that contains the central heating plant and college shops. The woodworking shop was equipped by a gift made from the estate of the late Robert Norton, of New Albany, Ind.

CAMPUS COTTAGE.—This, the oldest building on the campus, a frame cottage of six rooms, was erected and occupied by Dr. Stevenson during his Presidency. It is now the residence of the college engineer.

SENIOR HOUSE.—The college has recently acquired a large, modern residence at the end of College Street, and two blocks from the campus. It has been furnished and equipped as a small residence hall for 18 college girls. By action of the faculty, this beautiful and commodious residence has been named "Senior House" and the senior girls will have first claim on the use of this popular residence.

TRAILERS—For veteran families, 15 government trailer units will be available for 1946-47. These will be well furnished and highly desirable.

CAMPUS

Union College is proud of its beautiful campus. The buildings, connected by concrete walks, are attractively placed among different varieties of native trees. The athletic field, lying immediately back of the gymnasium, contains about four acres and affords ample room for outdoor games. There are also four hard clay tennis courts and a baseball diamond.

LABORATORIES

The Departments of Biology, Physical Sciences, and the divisions of Home Economics and Commerce are adequately equipped for handling all the elementary and advanced undergraduate courses which are offered.

PUBLICATIONS

UNION COLLEGE BULLETIN.—An official quarterly bulletin, the April issue of which is the catalog number. This bulletin is sent free on request.

ORANGE AND BLACK.—This periodical is a monthly newspaper published by the students.

UNION COLLEGE NEWS.—A publication intended to give friends of the college information concerning the progress of the institution.

ALUMNI NEWSLETTER.—Published three times a year by the Alumni Association.

STESPEAN.—This yearbook is published by the students of the college under senior editorship.

ATHLETICS

Union College is a member of the Southern Intercollegiate Athletic Association. The college promotes athletics for physical development and as a vital part of the program of extracurricular activities. In intercollegiate competition the college is represented by

varsity teams in basketball and tennis. In 1946-47 Union will begin development of track and take pioneering leadership in this area.

The program for intercollegiate sports emphasizes the protection of the best interests of the student athlete.

Union teams are noted for "clean" sport and winning record—hard to defeat. Sport for fun and character building are fundamental. The Union College basketball team was runner-up in the K. I. A. C. basketball tournament in 1941 and 1942.

Under the Department of Physical Education, schedules of intramural sports are conducted, including volleyball, playground ball, tennis, horseshoes, handball, and basketball. It is the aim of the college to provide some form of athletic activity for each student.

HEALTH

Through the department of Physical Education, Union College attempts to give aid to all students in matters concerning their health. At the beginning of each year thorough physical examinations are given under the direction of physicians. This examination is compulsory. Individual conferences are held with all students whose examinations reveal any physical defects, and advice is given. The results of this examination are also used in determining what part students can take in the athletic and physical education programs.

Union College maintains free infirmary service for brief illnesses of two or three days. Since the College does not have the facilities for taking care of protracted illness of longer duration than a week, arrangements for further medical care must be made by the student or his parents.

When a physician is needed the patient may request the College Nurse to call a physician, whose fee is to be paid by the student, but such bills may be handled at the college business office by special emergency arrangements.

GENERAL REGULATIONS

STUDENT CONDUCT.—Each student is expected to conduct himself at all times according to the rules of good society. Restrictions and regulations have been reduced to a minimum, and these are intended to foster standards and ideals that emphasize the development of Christian character. Only young people who can work in harmony with the aim and purpose of Union College should apply for admission. In fact, students who are careless in conduct or wasteful of time and opportunity may be dismissed from the college.

SOCIAL LIFE.—The students are encouraged to accept every legitimate opportunity to engage in social affairs. The faculty appreciates the benefit and value growing out of well-directed social activity. Student organizations, the faculty, and local churches

make desirable contributions to the promotion of social life. All social functions, hikes, and picnics are chaperoned and subject to the rules and regulations of the college. Chaperones must be approved by the Dean of Women

Residents of Pfeiffer Hall are allowed to receive visitors in the parlor by the permission of the Dean of Women, who may require the written consent of the parents whenever she may deem it necessary. Times for social privileges and events are designated.

RESIDENCE.—A student who does not live with his immediate family will be required to room in a college dormitory unless special permission is given by the administration. Request for such special permission should be made to the President.

STUDENT ORGANIZATIONS

THE UNION COLLEGE CHRISTIAN ASSOCIATION.—A union of the Y.W.C.A. and the Y.M.C.A. which has for its objectives the following:

To enable its members to live a richer life through a growing knowledge of God and a deeper understanding of Jesus Christ, His Son.

To sponsor good-will projects throughout the year.

To co-operate with other campus organizations in order to promote fellowship and social activities.

The U.C.C.A. sponsors the college vesper service each Thursday evening.

All students in the college are eligible for membership in the U.C.C.A.

PLAYLIKERS CLUB.—This club presents the college dramatic productions. It is devoted also to the study of drama. Membership is open to all students who are interested in dramatics.

ALPHA PSI OMEGA.—Union College maintains a chapter of Alpha Psi Omega, national honorary dramatic fraternity. Students who excel in dramatics are chosen for membership.

COLLEGE CHORUS.—This organization is composed of those who enjoy singing. Throughout the year the group makes a number of public appearances before college and community audiences.

OXFORD CLUB.—This is an organization of the young men who are anticipating the ministry as their life work.

OXFORD CLUB AUXILIARY.—An organization of students who intend to devote their lives to unordained Christian service.

BETA CHI ALPHA.—This is a sorority which stresses social and cultural development.

Zeta Sigma Pi.—The Union College chapter of this national organization is an honorary Social Science fraternity and its membership is open to majors and minors of this department who show special ability.

Secretarial Science Club.—This Club is open to all students who are enrolled in one or more courses in the Division of Secretarial Science.

Future Teachers of America.—The John Owen Gross Chapter of this national organization is open to students preparing to be teachers.

Science Club—The purpose of the Science Club is to give students an opportunity to discuss scientific problems and the part science plays in everyday life. Monthly meetings are held; membership is open to all those interested in science.

Home Economics Club.—A club affiliated with the State and National Home Economics Associations. The local club, Royal Order of Homemakers, is sponsored by the Division of Home Economics.

Art Club.—Art service to the college and community is the aim of this club. Presenting exhibits and assisting in stage decorating are major activities. Interest in applied art is the only requisite for membership.

La Tertulia.—This club endeavors to present to its members various phases of Spanish and Spanish-American civilization and to provide further opportunity for hearing and speaking Spanish.

Le Cercle Francais.—The purpose of this club is to further the interest of the student in the contributions of France to world progress and to provide opportunity for hearing and speaking French.

Tobacco.—Since the use of tobacco is against the ideals of Union College, students are forbidden to use tobacco on the campus or in the dormitories except as provided in student rooms and lounge in Stevenson Hall.

Intoxicating Liquor.—No intoxicating liquor shall be used by a student while he is enrolled in Union College. Any student violating this regulation will be required to withdraw from College.

Firearms.—Firearms of any kind are forbidden in the dormitories and on the campus.

Chapel Attendance.—All students are required to attend the regular chapel exercises of the college.

Church Services.—Each student is expected to attend the church school and services of the church of his choice.

COLLEGE EXPENSES

The academic year of nine months is divided into three quarters. The rates quoted below are for one quarter. The cost for regular session of nine months can be found by multiplying a quarter's expenses by three.

Registration Fee	$25.00
Tuition	50.00
Room and Board*	75.00
Total for Boarding Student	$150.00
Non-Boarding Student	$ 75.00

Students enrolling for less than ten quarter hours will not be required to pay a registration fee unless enrolled in Secretarial Science but will pay tuition rate of $5 per quarter hour.

The cost of individual meals for transients is as follows: Breakfast 35 cents; luncheon 40 cents; Dinner 50 cents.

Expenses for the summer quarter are as follows:
Tuition $4.00 per quarter hour credit
Registration $10.00 per term
Board $28.50 per term
Room $9.00 per term
Total $83.50 per term, that is one-half quarter.

TERMS OF PAYMENT

The business office requires that payment of one full quarter be made in advance and at the time of registration. The privilege to pay by installments can be granted only by special application to the business manager and such arrangements should be made by those desiring to pay by installments prior to the day of registration. A carrying charge of $2 per quarter for non-boarding students and $4 per quarter for boarding students will be added to the bills of those who pay by the installment plan.

Final examinations will be withheld from students who have any bills unpaid for that quarter at the beginning of the quarter examinations. This rule will be strictly adhered to, and both the students and family should understand it before registration.

If a student withdraws during a quarter and requests refund for advance payments, the following rule will determine the amounts refunded:

1. Room and board and tuition will be refunded in full amount unused to date of withdrawal. Full week is charged for fraction of week.
2. No fees are returnable.

*Vacation periods are not included in this quotation. Also, the college reserves the right to increase the rate for table board without notice if inflationary conditions greatly increase the cost of foods. Only extreme conditions will make this necessary.

SPECIAL FINANCE REGULATIONS

The following special fees are charged to persons who incur them:

A second transcript of credits (one week's notice required)	$ 1.00
One day late registration fee	1.00
*Two days late registration fee	2.00
*Three or more days late registration fee	3.00
Change in schedule fee	1.00
Special examination fee	1.00
Supervised Student Teaching fee for each course	10.00
Tuition for students taking less than ten quarter hours (per quarter hour)	5.00
Dormitory caution deposit per quarter (returnable if nothing is broken or lost)	5.00
Chemistry caution deposit per quarter (returnable if nothing is broken or lost)	1.00
Laundry fee at Pfeiffer Hall per quarter	2.00
Graduation fee (for academic degrees)	10.00
Graduation fee (for Secretarial Science Diplomas)	5.00
Graduation in absentia fee	10.00

Special tuition in piano, voice, violin, or other orchestral instruments:

Two half-hour lessons per week for one quarter	30.00
One half-hour lesson per week for one quarter	18.00
Two quarter-hour lessons per week, for children, one quarter	10.00
Use of piano per quarter	4.00

STUDENT AID

1. WORKSHIPS

The college seeks to employ as many students as possible for service jobs on the campus. Such jobs consist of stenographic work in college offices, science laboratory assistance, service in the dining room and kitchen, in the library, the repair shop, printing shop, and on the campus. Each job is organized on the basis of so many hours per week of service, and the remuneration is 30 cents per hour uniformly for all jobs of student service. Each job is under the supervision of a faculty member or employee who supervises the student work and makes monthly time report to the business office where credit on the hour basis is entered on the student's

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*Teachers whose schools are still in session at time of registration will not be charged late registration fees.

account. For unsatisfactory work or attitude the Director of Student Labor will withdraw the assigned job without notice and require a cash payment as a substitute the remainder of the quarter. Also a student worker must maintain a "C" average in his academic record in order to be continued on a service job.

Applications for service jobs may be received any time and a tentative assignment for service jobs will be made before registration date, but adjustments in assignments may be made at registration. A workship reservation deposit of $5 is required for the resercation of work aid (as is the requirement for aid of any character) which will not be returned should the applicant not enroll in the college; but on registration will be applied on the student's regular expense account.

There are three sizes of workships: a $150 job requiring about fifteen hours of service per week the college year; a $125 job requiring about twelve hours of service per week the college year, and a $100 job requiring about ten hours of service per week the college year.

2. HONOR SCHOLARSHIPS

A fund of $3,000 for HIGH SCHOOL honor students is set aside to be awarded in either $150 or $100 scholarships. Scholarships of $150 value will be awarded first and second honor students who come from Class A high schools. Scholarships of $100 value will be awarded first and second honor students who come from high schools not on the Class A list.

THE EMMA C. HAMMEL MEMORIAL SCHOLARSHIP.—Mr. Mervin J. Hammel of Indinapolis, Ind., in memory of his devoted wife, who died January 7, 1942, provides this memorial scholarship. The award is made to a girl and provides for all expenses of room, board, tuition, and regular fees for a four-year period. The recipient must evidence high scholarship, strong character, and the purpose to complete a college education at Union College without any delay.

THE R. W. MILLER, JR. MEMORIAL SCHOLARSHIP.—Mr. and Mrs. A. G. Hartman of St. Petersburg, Florida are providing a full scholarship of $450 as a memorial to their grandson, Private First Class R. W. Miller, Jr. who was reported killed in action in Belgium, January 12, 1945. This scholarship will be assigned to a worthy and promising student for the college year 1946-47.

3. GRANTS

Ministerial and Full-Time College Employee Grants.—By action of the Board of Trustees of the College, student ministers who are licensed to preach, the children of ministers in good standing, who are employed full time in the service of the church and are dependent on the income of such services, and the children of full-time college employees may receive a grant covering half tuition, provided other form of aid is not being received. For a full-time student this will mean a grant of $25.00 per quarter. However, this grant is not applied in an automatic manner. The applicant must have a satisfactory academic and conduct record in the past and will come under the general rule of the "C" average requirement for the continuance of aid after it is granted.

The Rev. Joshua S. Taylor and Mrs. Elizabeth Taylor, of Middlesburg, Kentucky, left to Union College the sum of $3,100, the income of which is to be used to help some needy young man studying for the ministry in the Methodist Church of Kentucky.

The late John A. Black, one of the founders of Union College, left $5,000 to the college, the income to be used for grants for young people who are preparing for some form of Christian work.

4. LOANS

The Board of Education of The Methodist Church appropriates a small amount each year from the Methodist Student Day offering to lend to worthy students who are members of The Methodist Church. Also a few national Methodist Scholarships covering tuition and fees may be available through this Board.

The Elizabeth Gates Memorial Loan Fund was established in 1930 by Mrs. Waldo Brown, of Knoxville, Tennessee, in memory of the mother of John B. Gates, a former student at Union College.

Dr. Guy G. Williams, of Cleveland, Ohio, in memory of his wife, Anna G. Williams, established a memorial loan fund in 1934. Students who have spent two years in Union College and whose scholarship is "C" average or above, and whose character indicates dependability in returning the loan, are eligible to receive loans from this fund. The amount of funds available varies year by year according to the contributions of the donor.

King Loan Fund.—Reverend and Mrs. Erwin King have provided a revolving loan fund of $3,500 to aid worthy ministerial students in their junior and senior years. To qualify for this loan students must possess high qualities of character and scholarship. About $700 of this fund will aid applications each year.

AID APPLICATIONS

All scholarships, grants, workships or loans are awarded through application made to the President of the College. Such applications for aid should be received at the President's office well before the registration dates and require an advance deposit of $5 as an aid reservation fee which, if the applicant does not enroll will not be returned, but on registration will be credited to the student's expense account. The Board of Education loan is the single exception to reservation deposit.

STANDARDS FOR STUDENTS RECEIVING FINANCIAL AID

Only students whose scholarship, training and ability indicate leadership and promise for future usefulness and who have an actual need may be given financial assistance in the form of scholarships, workships, loans or grants. Students who have been granted financial aid must maintain a stated scholastic standing in order to remain eligible for financial aid.

During the first quarter of the freshman year, a student must make an average of .75 to be eligible for continuance of aid the second quarter. To be eligible for aid the first quarter of the sophomore year a student must make a standing of 1.0 for the third quarter of the freshman year or have a quality point standing of 1.0 At the end of the first quarter of the sophomore year, continuance of aid requires a standing of 1.0 on all college hours which he has registered at Union. See page 33 for definition of Quality Point Standing.

If at the end of any quarter a student does not meet the above conditions he will not be eligible to receive financial assistance.

A student who fails to meet this requirement may become eligible when he has raised his standing to a "C" (standing of 1.00).

Quarter hours and quality points made during summer sessions will not be counted in determining the eligibility for continuance of financial aid until a student has completed sixty-six quarter hours in residence at Union College.

Students receiving financial assistance of any kind from the college may at any time be deprived of that aid if they are negligent in the performance of their duties or if they are careless in their conduct.

BOARDING STUDENTS' OUTFITS

Each boarding student should bring his own bedding for single beds, and other linen such as towels, dresser scarfs, etc., as no blankets, bed linen or towels are furnished by the college.

ADMISSION

All applicants for admission to Union College must present satisfactory evidence of their previous academic training and of good character. Blanks for application for admission and for transfer of high school units may be secured by writing to the Dean of Union College. It is not possible to classify students accurately or to arrange a satisfactory and well-integrated program unless certified entrance units and official transcripts of previous college work are on file at the college before registration. Transcripts brought by students are not considered as official. Applicants who are accepted will be classified, depending upon previous training, as freshmen, as students with advanced standing, or as special students.

Admission to Freshman Class.—An applicant for admission to the freshman class must submit fifteen units of standard high school work. Three of the fifteen units must be in English. Seven additional units must be in the recognized academic subjects. The remainder may be in vocational subjects.

Applicants who have earned at least fifteen units of high school work which are satisfactory for entrance may be admitted by one of the following plans

1. *Admission by certificate.*—Graduates of high schools in Kentucky that are accredited by the Association of Colleges and Universities of Kentucky, and graduates of high schools of other states that are accredited by some recognized agency, are admitted to the freshman class without examinations.
2. *Admission by examinations.*—Applicants who are graduates of non-accredited high schools, and applicants who submit a minimum of fifteen credits from accredited high schools but who are not graduates, are required to pass entrance examinations.

Admission to Advanced Standing.—Applicants who desire admission with advanced standing must present credits from an accredited junior college or from a standard college or university. The transcript of credit must show that the applicant has been honorably dismissed and that entrance requirements of Union College have been met. The credit to be allowed and the classification given will be determined by the Dean in conference with the heads of the departments concerned. All credit allowed is tentative until the candidate has proved himself capable of pursuing the advanced courses entered.

Admission as a Special Student.—It is very desirable that all students continue their studies to graduation. Even when a students does not expect to graduate, it will usually be wise to pursue one of the regular courses while in College. Irregular selection of studies will not be permitted without good reason. However, applicants who are persons of mature years, who give evidence of

well-defined purpose, and who desire to pursue some special line, or lines, of work, without becoming candidates for a degree, may be admitted as Special Students. Such students are subject to the same regulations as other students with regard to the quality of work done and attendance upon College exercises.

ADMISSION OF VETERANS

Union College feels that any veteran who can demonstrate his ability to do college work should be admitted to college whether he has satisfied formal entrance requirements or not.

The faculty of Union College has therefore set up the following regulation regarding the admission of veterans who do not qualify for entrance to the college under our present admission requirements.

A veteran shall be admitted to Union College if he (1) submits a transcript of credit from an accredited high school showing that he has earned 8 units or more in residence and (2) passes the General Educational Development Test (Form A) for Secondary Schools with scores equal to or above the minimum recommended by the American Council on Education for college entrance.

CREDIT FOR EDUCATIONAL EXPERIENCES IN ARMED SERVICES

Union College grants credit for educational experiences in the Armed Services and is using as a guide the recommendations of the American Council of Education. This credit is granted after personal interview with the veteran. Passing recommended examinations or submitting transcripts of educational experience is required for establishing such credit.

FRESHMAN INSTRUCTION AND REGISTRATION

All members of the freshman class must be present at 9 a. m., Monday, Sept. 23, 1946. A program of vital interest to all beginning students will be held on September 23 and 24. At this time problems peculiar to beginning students will be considered. Some of the topics discussed will be "How to Study," "How to Budget Your Time," "The Transition From High School to College," and "What to Expect From a Program of Christian Education." The faculty of the College will be present to aid students in registering and offer advice in choosing courses.

CHAPEL AND CLASS ATTENDANCE

1. Regular attendance in all classes and chapel is required.
2. Students will be held responsible by the instructor for all work missed because of absence. Final class marks will not be given unless the work missed is made up satisfactorily.

3. Unexcused absence from classes preceding or following holidays or regular vacations shall receive double penalty. This rule applies to first and second consecutive absences preceding or following holidays or vacations.
4. Three unexcused tardy attendances shall be considered the equivalent to one unexcused absence and shall be reported as such. Excuses for tardy attendance may be granted only by the instructor.
5. Each student will be allowed absences from classes as indicated in the schedule following:

5 quarter hour courses	4 absences
4 quarter hour courses	3 absences
3 quarter hour courses	2 absences
2 and 1 quarter hour courses	1 absence
chapel	4 absences

These allowances are made to take care of all emergency absences for such causes as minor illness, death or serious illness in family, difficulty in transportation, et cetera.
6. A student must make up each absence in excess of the allowed number in the course by taking a special examination for which he shall pay the regular special examination fee. Each absence in excess of the allowed number in chapel will be penalized by the reduction of one quality point from the total earned by the student during the quarter.
7. Absences incurred by students while representing the college or while on class observation trips shall be excused on recommendation by a faculty member.
8. No other absences shall be excused except those due to late registration or long, serious illness. Such absences may be excused only by action of the Committee on Student Conduct. Written request for this action must be made to the Dean not more than one week after the absences are incurred.
9. A student who is absent from a test must take a special examination or receive a grade of zero in that test. A fee of one dollar is charged for each special test unless the absence is due to representing the college.

EXAMINATIONS AND REPORT OF MARKS

Examinations are held at the close of each quarter. Tests are held at various times during each quarter as the instructors may determine. Final marks are reported by the instructors to the Registrar. A copy of this report is given to the student, and a copy is sent to his parents. Only the final marks become a part of the permanent record. Test and examination marks together with the daily marks constitute the final mark.

THE MARKING SYSTEM AND QUALITY POINTS

Marks are reported in letters as follows:

A.—Represents distinctly superior work, valued at three quality points for each quarter hour.

B.—Represents superior work, valued at two quality points for each quarter hour.

C.—Represents average work, valued at one quality point for each quarter hour.

Cr.—Indicates that a course for which no accurate grade can be given has been passed satisfactorily.

D.—Represents unsatisfactory but passing work, valued at 0 quality points.

E.—A condition incurred at the end of any quarter must be made up during the next quarter that the student is enrolled or within one year if he does not enroll within that year. If the student enrolls in a course which requires the passing of the conditioned course as a pre-requisite, the condition must be removed within two weeks of the beginning of the quarter.

F.—Indicates failure with 0 credits and 0 quality points. This mark cannot be removed or changed except by repeating the course. The hours of "F" will be counted in figuring quality point average.

I.—Indicates that some required work of the course has not been completed. The same regulations for removal of a mark of "E" apply for the removal of a mark "I," except as follows,—

A student who does not take final examinations at the end of a quarter will be given temporary registration in the next quarter for a period of two weeks. If all arrangements for taking final examinations are made within the two weeks, the temporary registration will be removed. If arrangements for the final examinations are not made, the student's registration will be cancelled at the end of the two weeks. All final examinations for courses which are pre-requisite to courses for which the student may be enrolled the next quarter, must be taken by the end of the two weeks. Failure in any of these prerequisite courses will cancel the student's enrollment in an advanced course. All final examinations must be completed within eleven weeks after a student's registration for the next quarter in which he enrolls or within 1 year if he does not enroll within that time.

A student who does not take final examinations at the end of the third quarter or either summer term must arrange for and take the examinations which he has missed before the first day of the first quarter of the school year following.

W.—A mark of "W" is given for any course dropped during the first three weeks of any quarter. If a student withdraws from a course after the third week, a mark of "W" is given if he has a passing mark at the time of withdrawal. If a student with-

Choral work will be emphasized in New Fine Arts Department.

Stespean Staff is a working organization.

draws from a course after the third week, a mark of "WF" is given of he does not have a passing mark at the time of withdrawal. The mark of "WF" carries the same penalties as the mark of "F" described above. A student cannot at any time after registration withdraw from a course except by permission from the Dean, and after the first week of the quarter, permission must also be secured from the instructor of the class.

QUALITY POINT STANDING

The quality point standing of a student is determined by dividing the total quality points which he has earned by the total number of quarter hours for which he has registered.

SCHOLASTIC REGULATIONS

1. If at the completion of forty-five registered quarter hours a student does not have a standing of .75, he will be placed on scholastic probation.
2. If at the completion of 90 registered quarter hours a student does not have a standing of .85, he will be placed on scholastic proabtion (or continued on probation if he failed to meet the requirements stated under No. 1 above).
3. No student will be classified as a senior whose quality-point standing is below 1.00. Any student with suffcient quarter hours credit to be classified as a senior but whose standing is below 1.00 will be classified as a junior on scholastic probation.
4. Any student on probation who in any one quarter makes only half, or less than half, as many quality points as quarter-hour credits becomes subject to dismissal from the college.
5. Any student who has been on probation for three consecutive quarters of attendance is automatically dismissed from college.

CLASSIFICATION

For Sophomore and Junior classification at the beginning of the school year, a student must register for sufficient work to have a total of 84 and 135 quarter hours credit respectively at the end of the school year. For Senior classification a student must register for sufficient work to have a total of 190 quarter hours at the end of the school year or summer session and have a quality-point standing of 1.00.

STUDENT LOAD

The average amount of work regularly required of each student is sixteen quarter hours, including physical education. No student may register for more than eighteen quarter hours.

GENERAL REGULATIONS GOVERNING EXTENSION

Not more than 18 quarter hours of extension work done in one academic year will be accepted by the College except by special permission from the Dean. Not more than one half the courses in a major may be done by extension. As the last 45 quarter hours of the College course must be done in residence in this institution by all students who are candidates for a degree, permission from the Dean must be had to carry extension courses during the senior year.

No more than 45 quarter hours of extension work will be accepted toward a degree from Union College.

No credit will be given for any extension work taken while the student is enrolled in Union College or in any other institution unless permission is obtained from the Dean. In no case will more than 75 quarter hours earned during one calendar year be accepted. Permission for this maximum must be granted by action of the faculty.

Failures or quality point deficiencies in any course made in residence cannot be removed by extension work.

Students who enroll for extension work and later enter for full-time resident courses shall discontinue their extension work until the period of residence is ended.

Four quarter hours during a quarter are considered a full load for persons who are teaching.

REQUIREMENTS FOR GRADUATION

Union College grants the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Education. Candidates for all degrees must satisfy the following general requirements:

1. Minimum of 190 quarter hours, the last 45 of which must be earned in residence at Union College.*
2. Quality point standing of 1.00.
3. Bible and Philosophy.—Three courses approved by the Dean and Head of the Department, one course of which must be taken during the freshman or sophomore year.
4. *Biology or Physical Science.*—Sixteen quarter hours, twelve of which must be in the same laboratory science.
5. *Education.*—General Psychology: Four quarter hours.
6. *English.*—Composition: Twelve quarter hours. English Literature: ten quarter hours.
7. *History.*—Eight quarter hours.
8. *Physical Education.*—Required during Freshman-Sophomore years.

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*Students who have earned as many as seventy-five quarter hours at Union College may graduate with only the last thirty hours earned in residence. For any number of hours less than thirty special permission must be obtained.

9. *Sociology.*—Two courses, one of which must be either Soc. 33, *The Family,* or Soc. 36, *Consumer Economics.*

Advice in arranging schedules and choosing courses is always given gladly. However, each student personally is responsible for completing all requirements for degrees as listed under each degree.

Seniors who intend to receive their degrees at the end of the third quarter must apply for their degrees on or before April 15. Seniors who intend to receive their degrees at the end of the summer session must apply for their degrees at registration.

THE DEGREE OF BACHELOR OF ARTS

In addition to the general requirements a candidate for the degree of Bachelor of Arts shall complete the following:

1. One major and two minors.* These shall be chosen from the following fields of concentration: Bible and Philosophy, Biology, Chemistry, English, French, History, Home Economics, Mathematics, Music, Physical Education, Physical Science, Sociology, Spanish. The major and the minors must be declared by the student at the beginning of his junior year.

2. Foreign Language.

(a) Eighteen quarter hours in the same foreign language for those who present for entrance one unit or less in the same foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE

In addition to the general requirements a candidate for the degree of Bachelor of Science shall complete the following:

1. One major.* This major shall be declared by the student at the beginning of his junior year. The major shall be in one of the following fields of concentration: Biology, Chemistry, Physical Science, Mathematics, or Home Economics.

2. Two minors.* These minors shall be declared by the student at the beginning of his junior year. One minor must be chosen from Biology, Chemistry, Mathematics, or Home Economics. The other minor must be chosen from this list or from Bible and Philosophy, English, French, History, Music, Physical Education, Sociology, or Spanish.

3. Foreign language.

(a) Eighteen quarter hours in the same foreign language for

*The requirements for majors and minors are listed under the respective departments of instruction.

those who present for entrance one unit or less in a foreign language.

(b) Fifteen quarter hours in the same foreign language for those who present for entrance two units in this same foreign language.

(c) Nine quarter hours in the same foreign language for those who present for entrance three or more units in this same foreign language.

THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION

A student who completes the general requirements and the requirements for the Provisional High School Certificate as issued by the Kentucky State Department of Education, but who does not choose to complete the language requirements for an A.B. or B.S. degree, will be granted the degree of Bachelor of Science in Education.

A student who completes the general requirements and the requirements for the Standard Elementary Certificate as issued by the Kentucky State Department of Education and in addition completes two minors will be granted the degree of Bachelor of Science In Education.* One minor shall be English or Social Studies. The other minor shall be Biology, Chemistry, English, or Social Studies. All majors and minors shall be declared by the student at the beginning of his junior year.

DEGREES WITH DISTINCTION

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the Commencement program. There are three grades of honors designated respectively: *cum laude, magna cum laude and summa cum laude.* These honors are conferred at graduation upon students who satisfy the following conditions of scholarship:

The honor of *cum laude* is awarded to those students who have earned an average standing of 2 (or B) in all their college work.

The honor of *magna cum laude* is awarded to those students who have earned an average standing of 2.5 in all their college work.

The honor of *summa cum laude* is awarded to those students who have earned an average standing of 2.8 in all their college work.

Students coming from other colleges may receive general honors on completing two years of resident study and satisfying the conditions of scholarship prescribed by the Faculty, provided they furnish also such evidence of high scholarship in the institution from which they come as may, in the judgement of the Faculty, entitle them to become candidates for honors under the regulations.

As a reward for excellence in scholarship and to promote diligence in study and encourage high ideals, the honorary scholastic fraternity of Iota Sigma Nu was founded on May 26, 1936. Membership is open upon election to:

(a) All who have met the requirements for graduation with honors.

(b) All students who, at the end of the second quarter of their junior year, have a quality point standing which if maintained will graduate them with the honor of *magna cum laude* and who have completed a minimum of two years in residence at Union College.

PRIZES

Nine scholarship prizes are awarded annually. Iota Sigma Nu awards medals to the freshman and sophomore who make the highest scholastic averages in their respective classes for the year. The families of the late Governor James D. Black and H. E. Bullock give cash prizes annually to seniors and juniors, respectively, making highest scholastic standing. The faculty awards a medal to the varsity letter man making the highest scholastic average for the year.

Cash prizes are awarded each year to winners of the annual public-speaking contest. A gold medal also is awarded by Senator J. M. Robsion, of Barbourville, Ky., to the winner of the annual declamation contest.

The John W. and Sarah Hughes History Award is given each year to the student showing the greatest excellence in the field of history. The money for this award (ten dollars in cash) is furnished by Mr. and Mrs. John W. Hughes, Barbourville, Ky.

The Burke Mathematics Award is given each year to the student showing the greatest excellence in the field of mathematics. The money for the award (ten dollars in cash) is furnished by Dr. A. R. Burke.

Dr. George Truman Carl provides an annual award of $10 in cash to the student writing the best essay on "The Life and Ministry of Jesus Christ." Essays are judged by the Head of the Department of Bible and Philosophy.

The Gray Sociology Prize is to be awarded each year to the student showing the greatest excellence in the field of sociology. The money for the award (ten dollars in cash) is furnished by Dr. and Mrs. Wayne T. Gray.

The Irvine Mathematics-Physics Award (five dollars in cash) is given each year to a student showing superiority in the related fields of mathematics and physics.

Bible and Philosophy Department Prize. An anonymous donor has contributed $25 as a prize for the best research essay in philosophy written by a member of any current class in philosophy at Union College.

PLACEMENT SERVICE

The College maintains a placement service for its graduates who are seeking positions, and school boards and superintendents who are seeking teachers. Superintendents and boards of education are invited to visit the College, to make use of this service in looking for teachers, and to meet applicants in whom they are interested.

SUGGESTED CURRICULA

Students should plan carefully their college work, keeping in mind the general requirements for degrees and their vocational or professional interest. The College officials are glad to aid students in planning curricula to meet specific needs. The following curricula are suggested:

GENERAL COLLEGE CURRICULUM LEADING TO A.B. OR B.S. DEGREE.—Students who have not made a vocational or professional choice and students who expect to enter a professional school which requires a general college education are urged to take this General College Curriculum leading to the A.B.or B.S. degree. By careful selection of major and minor fields and of elective courses this curriculum can be adjusted to the student's individual needs.

FRESHMAN YEAR

First Quarter

Bible .....4 hrs.
English Composition.....3 hrs.
Science:
Chemistry .....4 hrs.
or Biology .....4 hrs.
Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Mathematics ....4 hrs.
Physical Education.....1 hr.

Second Quarter

General Psychology.....4 hrs.
English Composition .....4 hrs.
Science:
Chemistry .....4 hrs.
or Biology .....4 hrs.
Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Mathematics ....4 hrs.
Physical Education.....1 hr.

Third Quarter

English Composition .....4 hrs.
Science:
Chemistry .....4 hrs.
or Biology .....4 hrs.

Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Mathematics ....4 hrs.
General Elective.....4 or 5 hrs.
Physical Education.....1 hr.

SOPHOMORE YEAR

First Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
or Biology .....5 hrs.
or Physics .....4 hrs.
Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Bible .....4 hrs.
or Mathematics ....4 hrs.
Physical Education.....1 hr.

Second Quarter

English Literature.....5 hrs.
History .....4 hrs.
Science:
Chemistry .....4 hrs.
or Physics .....4 hrs.
or Biology .....5 hrs.
Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Bible .....4 hrs.
or Mathematics ....4 hrs.
Physical Education.....1 hr.

Third Quarter

History .....4 hrs.
Science:
Chemistry .....5 hrs.
or Biology .....5 hrs.
or Physics .....4 hrs.
Elective:
Spanish .....3 hrs.
or French .....3 hrs.
or Bible .....4 hrs.
or Mathematics ....4 hrs.
General Elective, 3, 4 or 5 hrs.
Physical Education.....1 hr.

The junior and senior curriculum is dependent on the interest of the student and is arranged after consultation with the Dean and the student's adviser.

PRE-PROFESSIONAL CURRICULA.—Union College strongly recommends to all students who plan to enter a professional school the General College Curriculum of four years.

Students who plan to take a three-year pre-medical course will find that the following program meets the requirements of most medical schools:

FRESHMAN YEAR

English Composition .....12 hrs.
Elementary French or Spanish..... 9 hrs.
Inorganic Chemistry .....12 hrs.
College Algebra ..... 4 hrs.
Trigonometry ..... 4 hrs.
General Psychology ..... 4 hrs.
Bible ..... 4 hrs.

49 hrs.

SOPHOMORE YEAR

General Biology	12 hrs.
Chemistry (Qualitative Analysis)	4 hrs.
Chemistry (Quantitative Analysis)	8 hrs.
General Physics	12 hrs.
History	8 hrs.
Electives	4 hrs.
	48 hrs.

JUNIOR YEAR

Organic Chemistry	12 hrs.
Embryology	5 hrs.
Comparative Anatomy	5 hrs.
Sociology	8 hrs.
Economics	4 hrs.
Electives	14 hrs.
	48 hrs.

Students planning to take the Bachelor's degree before entering medical school should consult the Dean before registering.

Other specific curricula are not suggested since the requirements of professional schools vary. However, provision will be made for students who wish to pursue the following curricula:

1. Pre-dental.
2. Pre-legal.
3. Pre-engineering.
4. Pre-technician.
5. Pre-nursing.

PRE-MINISTERIAL TRAINING

In view of the increasing demand that candidates for the ministry have advanced professional training, it is strongly recommended that all pre-ministerial students plan to enter a theological school upon completion of the liberal arts course.

In planning his curriculum, the student is urged to take advantage of the opportunity for broad cultural training provided at Union College in the Sciences, Literature, and Social Studies. At the same time, at least a minor in the department of Bible and Philosophy is suggested as a basic foundation for later specialization. Personal counsel with the head of this department is open to every ministerial student in the building of his curriculum.

For those who cannot take further work and for whom Union College must furnish the major part of their training, intensive work in the department of Bible and Philosophy is advised, including, if possible, all of the courses offered.

The Oxford Club for ministerial students as an extracurricular activity is a valuable adjunct in their training at Union College. Here, sermons and the art of ministering are studied, and active participation in Gospel team work is provided.

CHRISTIAN WORKERS CURRICULUM

In recognition of the increasing demand for trained young men and women as full-time Christian workers in the unordained ministries of the local Church, to serve in the combined capacities of pastor's assistant, director of youth work, director of Christian education, and Church secretary, a specific four-year course of study has been arranged, using the facilities of all College Departments and Divisions. This course of study is designed to meet the basic needs of students who wish to go directly into full-time Church positions without graduate work, as well as of students who will seek higher degrees.

Numerous appeals from leading pastors for trained but unordained Christian workers have called this program into being. Pastors are urged to file with the College Placement Service their applications for specially recommended personnel.

A major is required in one of the following fields: Bible and Philosophy, English, or Sociology, minors are required in the two fields not chosen as a major.

Special training for an understanding of the organization and administrative procedure in each student's own Church, of whatever denomination, is included by special assignment in study and survey within the Bible and Philosophy curriculum:—thus the future Christian worker receives completely individulaized training in the operation of his or her own particular denomination.

The courses which follow are designed to complete a regular Bachelor of Arts degree, meeting all general requirements, but with work specially selected for trained Christian service.

FRESHMAN YEAR

English Composition	12 hrs.
General Biology	12 hrs.
Basic Christian Ideas	4 hrs.
Gospel and Its Historical Background	4 hrs.
Life and Writings of Paul	4 hrs.
Typewriting	9 hrs.
Physical Education Activities	3 hrs.

SOPHOMORE YEAR

American History	8 hrs.
American Government and Citizenship	4 hrs.
General Psychology	4 hr.s
Child Psychology	4 hrs.
Introduction to Sociology	4 hrs.
Problems of Youth	4 hrs.
French or Spanish	9 hrs.
English Literature	10 hrs.
Physical Education Activities	3 hrs.

JUNIOR YEAR

French or Spanish (continued from sophomore year)	9 hrs.
History and Appreciation of Art	3 hrs.
Music in the Church	3 hrs.
Health and Safety	3 hrs.
Children's Literature	4 hrs.
Literary Appreciation	5 hrs.
Public Speaking	3 hrs.
Dramatics	3 hrs.
The Family	4 hrs.
Consumer Economics	4 hrs.
Eugenics	5 hrs.
Physical Education Activities	3 hrs.

SENIOR YEAR

Selected Bible Readings	4 hrs.
History and Mission of the Christian Church	4 hrs.
Principles of Christian Education	4 hrs.
Supervised Christian Teaching	4 hrs.
English (elective)	4 hrs.
Sociology (elective)	12 hrs.
First Aid	3 hrs.
Community Recreation	3 hrs.
Elective	4 hrs.
Physical Education Activities	2 hrs.

Additional electives (approximately eleven quarter hours) must be chosen from the Department of Bible, English, or Sociology to complete a major in the field chosen.

CURRICULUM FOR TWO-YEAR COURSE IN SECRETARIAL SCIENCE

FIRST YEAR

First Quarter

English Composition	4 hrs.
Shorthand	4 hrs.
Typewriting	3 hrs.
Accounting	4 hrs.
Filing	2 hrs
Physical Education	1 hr.
	18 hrs.

Second Quarter

English Composition	4 hrs.
Shorthand	4 hrs.
Typewriting	3 hrs.
Accounting	4 hrs.
Filing	2 hrs
Physical Education	1 hr.
	18 hrs.

Third Quarter

English Composition	4 hrs.
Shorthand & Transcription	4 hrs.
Typewriting	3 hrs.
Accounting	4 hrs.
Office Machines	2 hrs.
Physical Education	1 hr.
	18 hrs.

SECOND YEAR

First Quarter

Business English	3 hrs.
Shorthand & Transcription	3 hrs.
Typewriting	2 hrs.
Secretarial Practice	3 hrs.
Physical Education	1 hr.
Bible	3 hrs.
Electives:	
Accounting	
Economics	3 hrs.
Sociology	
Psychology	
	18 hrs.

Second Quarter

Business English	3 hrs.
Business Law	3 hrs.
Speed Shorthand	3 hrs.
Typewriting	2 hrs.
Secretarial Practice	3 hrs.
Physical Education	1 hr.
Electives	3 hrs
	18 hrs.

Third Quarter

Business Law	3 hrs.
Speed Shorthand	3 hrs.
Typewriting	2 hrs.
Secretarial Practice	3 hrs.
Physical Education	1 hr.
Electives	6 hrs.
	18 hrs.

CURRICULUM IN HOME ECONOMICS

Each student is given individual counseling by the Head of the Division of Home Economics concerning the proper courses to elect. Courses will be chosen according to the student's needs.

The following courses of study are offered for those who wish to work toward a degree in Home Economics or for those who wish to major or minor in Home Economics:

COURSES IN HOME ECONOMICS

Course	*Quarter Hours Credit*
Textiles	4
Costume Design	3
Foods	9
Clothing	9
Housing	4
Home Furnishing	2
Family Health and Home Nursing	3
Nutrition	6

RELATED COURSES

English Composition	12
General Chemistry	12
Fundamentals of Art	3
English Literature	10
Organic Chemistry	12
General Physics	12
General Biology	12
Bacteriology	5
Consumer Economics	4
The Family	4
General Psychology	4
Physiology	5
Child Psychology	4
Rural Sociology	4
Principles of Sociology	4

MUSIC CURRICULUM

Union College is offering this year, for the first time, the degree of Bachelor of Arts with major in music. The curriculum for the freshman year is shown below. Courses for advanced music students will also be available this year. See page 57 for course offerings.

CURRICULUM FOR BACHELOR OF ARTS, MUSIC MAJOR

FRESHMAN YEAR

English Composition	12 hours
Music Appreciation	3 hours
Music History	3 hours
Fundamentals of Music	3 hours
Applied Music	6 hours
Science (Chemistry or Biology)	12 hours
French or Spanish	9 hours
Choir, Band, or Ensemble	3 hours
Physical Education	3 hours

CURRICULA FOR PROSPECTIVE TEACHERS

Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. The following are offered:

1. Two-year curriculum for training Elementary Teachers.
2. Four-year curriculum for training Elementary Teachers.
3. Four-year curriculum for training High School Teachers.
4. Four-year curriculum for training Administrators and Supervisors.

For guidance of Union College students the following curricula prescribed by the Kentucky State Department of Education for prospective teachers are given:

A. *General and Special Preparation*	*Requirements for Certificates*	
	Prov. Elem. C't.	*Stan. Elem. C't.*
	Quarter hrs.	Quarter hrs.
1. English including		
a. Oral and Written	8	8
b. American or English Lit.	4	4
c. Children's Literature	4	4
d. Elective in English		4
2. Science, selected from Biology, Chemistry, General Science, Geology, Physics	8	16
3. Social Science, including		
a. American History and Gov. or History of Cilvilization	8	8
b. Principles of Sociology or Rural Economy		4
c. Geography — Principles	4	4
Elective in Geography		4
d. Elective in Social Science from History, Government, Economics or Sociology		8

4. Teachers' Arithmetic	4	4
5. Fine Arts		
a. Public School Art	3	3
b. Elective in Art		3
c. Public School Music	3	3
d. Elective in Music		3
6. Health, Physical Education and Safety	6	6
B. *Professional Preparation*		
1. General or Educational Psychology	4	4
2. Fundamentals of Elementary Education	6	6
3. Supervised Student Teaching	4*	8
4. Educational Measurements		3
5. Child Psychology		4
6. Teaching Reading	4	4
7. Elective in Elementary Education		4
8. General Electives in Education	4	8
	74	127
C. General Electives	22	65

MINIMUM CURRICULUM FOR THE ISSUANCE OF HIGH SCHOOL CERTIFICATES

The PROVISIONAL HIGH SCHOOL CERTIFICATE, valid for four years, shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education, and files a transcript of standard college credits showing the completion of a curriculum which includes the following course and minimum standards:

A. *Minimum General or Core Requirements*

Each candidate must present 16 quarter hours of English. In addition to this a total of 40 quarter hours must be selected from the following fields:

Fine Arts
Foreign Language
Health, Physical Education and Safety
Mathematics
Philosophy and Psychology
Science
Social Science
Vocational Fields

*Three years of experience in the elementary grades may be substituted for this requirement for the issuance of the Provisional Elementary Certificate, provided all other requirements, including an average of "C," are fulfilled.

No candidate shall present fewer than three or more than four of these fields, and in no field may he offer fewer than eight quarter hours; and in no instance may the selection of the general education courses include the fields which he chooses as his majors or minors, except that he may major or minor in English. This regulation applies to those who begin their college preparation for teaching after September 1, 1942.

B. *Teaching Fields*

1. Two majors—36 quarter hours each, or
2. One major and two minors—36, 24, 24, or
3. An area of concentration—72 quarter hours.

Teaching fields must be selected from those in the public school curriculum prescribed by the State Board of Education.

C. *Professional Preparation* — *Quarter Hours*

1. Psychology or Educational Psychology 4
2. Secondary Education 8
*3. Supervised Student Teaching 8
4. Elective in Education 7

D. *Completion of Baccalaureate Degree*

Advice and counsel on the election of courses for the curriculum for training administrators and supervisors may be obtained from the Dean of the College.

DEPARTMENTS OF INSTRUCTION

The following eight departments are maintained at Union College:

I. Bible and Philosophy
II. Biology
III. Education
IV. Fine Arts (Music, Art, Dramatics)
V. Languages (English, French, Spanish, Journalism)
VI. Physical Education
VII. Physical Sciences (Chemistry, Mathematics, Physics)
VIII. Social Studies (Sociology, History)

In addition to these eight departments, the college maintains the following divisions:

1. Home Economics
2. Secretarial Science

The departments with a detailed description of the courses are listed alphabetically in the following pages. The courses are numbered in such a way as to reveal at a glance the level of the course. Courses numbered 11 to 29 inclusive are primarily for freshmen; 31 to 49 are primarily for sophomores; courses 51 to 99 are primarily for juniors and seniors.

*In the issuance of the PROVISIONAL HIGH SCHOOL CERTIFICATE, the requirement in Supervised Student Teaching may be waived for the person who has had a minimum of three years' experience in secondary grades and who has met all other requirements for such certificate. This waiver requires the approval of the Head of the Department of Education.

DEPARTMENT OF BIBLE AND PHILOSOPHY

DAVID WESLEY SOPER

Head of the Department and Professor of Bible and Philosophy

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours in courses approved by the Head of the Department.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours in courses approved by the Head of the Department.

COURSE OFFERINGS. The work in this department has been organized with a view toward introducing the student to the historic Christian Faith, and the full criticism of life which issues therefrom.

BIBLE

BIBLE 10. *Basic Christian Ideas.* This course is a required introduction to the work of the department, presenting the central emphases in classic Christianity which are common to all Christian denominations.
Four quarter hours.

BIBLE 11. *Gospel and Its Historical Background.* This course is a survey of the culmination of the Hebrew hope in the life and work of our Lord, as recorded in the Gospels of Matthew, Mark, and Luke.
Four quarter hours.

BIBLE 12. *The Life and Writings of Paul.* This course presents in detail the drama of the Books of Acts, the content of the Pauline Epistles, and the impact of the Christian Faith upon the Roman and pagan world.
Four quarter hours.

BIBLE 13. *The Life and Influence of Moses.* An attempt is made to penetrate both the chronology and the organization of faith, knowledge, and conduct bequeathed to the ages in the Hebrew Torah.
Four quarter hours.

BIBLE 31. *John's Gospel and the Johannine Writings.* The story of Christ, the interpretation of the Fourth Gospel, and the serene faith of John's Letters and the Revelation are studied with relation to the classic Christian Tradition.
Four quarter hours.

BIBLE 35. *Selected Bible Readings.* This course presents the entire content of the Bible in story form, with special emphasis upon its use by the parent in the home or the teacher in the

Union teams have good backing.

Students at Stephenson Hall always feel at home.

Basketball is always popular at Union.

public school.
Four quarter hours.

BIBLE 51. *The Greater Prophets.* This course represents a consideration of the Prophetic Movement in Israel beginning with the pre-literary prophets and continuing through to the prophets of restoration, emphasizing the representative prophets, Amos, Isaiah, and Jeremiah.

BIBLE 53. *The History and Mission of the Christian Church.* This course presents a careful journey through the nineteen centuries of Christian Faith, with special attention to the story of modern missions.
Four quarter hours.

BIBLE 55. *Comparative Religions.* The great living religions of the world, ancient and modern, are considered in relation to each other and their fulfillment in ecumenical Christianity.
Four quarter hours.

CHRISTIAN EDUCATION

BIBLE 33. *The Church and Society.* This is a course in the social aspects of the Christian Faith. A practical application of the principle of Christian social responsibility is made to contemporary problems.
Four quarter hours.

BIBLE 34. *Principles of Christian Education.* This course presents a general introduction to the essentials of theory and method in the Christian nurture of home and school and Church.
Four quarter hours.

PHILOSOPHY

BIBLE 72. *Introduction to Philosophy.* This is a survey of human thought about God, man, and the world, with special attention to the personalities from whom the greater philosophies have issued.
Four quarter hours.

BIBLE 74. *Ethics.* In this course an analysis is made of the relation of moral obligation to democratic society, and of the moral conflict in the nature of man.
Four quarter hours.

BIBLE 75. *Contemporary Philosophies.* An attempt is made to evaluate the popular thought-forms of the present in their vital relation to the idea of a Christian Society. Registration only by permission of the instructor.
Four quarter hours.

II

DEPARTMENT OF BIOLOGY

MARVIN M. KEITH

Head of the Department and Professor of Biology

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours.

COURSE OFFERINGS

BIOLOGY 11. *Invertebrate Zoology.* This course embodies a study of representative forms of the invertebrate phyla. Morphology is emphasized only to the extent that it contributes to a better understanding of the principles that underlie functions and distribution. Two lectures and two two-hour laboratory periods.
Four quarter hours.

BIOLOGY 12. *Vertebrate Zoology.* The classification, anatomy, and physiology of the chordates are taken up, after which a study of elementary histology, genetics, evolution, conservation, and man's place in nature is considered. Two lecture periods and two two-hour laboratory periods.
Four quarter hours.

BIOLOGY 13. *Botany.* A course in elementary botany designed to give a broad survey of the plant kingdom. Special consideration is given to the morphology, physiology, structure, and economic importance of the Spermatophytes, after which a survey of the Thallophytes, Bryophytes, and Pteridophytes is made. Two lectures and two two-hour laboratory periods.
Four quarter hours.

BIOLOGY 31. *Field Botany.* A general survey of the local flora, determination of species, and ecology.
Four quarter hours.

BIOLOGY 32. *Embryology.* A review of the process of germ cell formation, fertilization, and cleavage in both invertebrates and vertebrates, followed by a detailed comparative study of the development of the frog, chick, pig, and man. Use is made of living material of the frog and chick, while the whole mounts and serial sections of the frog, chick, and pig are used for study of germ layer formation, histogenesis, and organogenesis. Charts, models, and demonstrations supplement the work. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.
Five quarter hours.

BIOLOGY 33. *Comparative Vertebrate Anatomy.* A further and detailed study of the structure of higher animals with special reference to the form and development of different systems and organs. This course is especially recommended for pre-medical students. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 34. *General Bacteriology.* A study of the morphology any physiology of bacteria and other micro-organisms, including laboratory exercises in culture methods and bacteriological technique. Two lecture periods and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 51. *Anatomy and Physiology.* This course is designed to familiarize the student with the structure and functions of the parts of the human body. Five lectures.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 52. *Eugenics.* A study of the laws governing human heredity; the ethical interpretation of biological principles governing man; the betterment of the race.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 53. *Cytology.* A study of the structure and physiology of the cell, including the process of cell division, germ cell formation, fertilization, parthenogenesis and cleavage. Training is given in the technical cytological methods of killing, sectioning, and staining. Two lectures and two three-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 54. *Genetics.* A study of the laws governing heredity, the application of the experimental method to modern biological problems; the interpretation of nature, and the fundamental facts of plant and animal breeding. The laboratory will consist of experiments showing the modern methods of investigating hereditary characters. Three lectures and two two-hour laboratory periods.
Prerequisite: Biology 11, 12, 13, or equivalent.

Five quarter hours.

BIOLOGY 71. *Organic Development.* A study of life through successive generations. Principles and theories of phylogenetic relationships are studied. Five lectures.
Prerequisite: Biology 11, 12, 13, 32, 33.

Five quarter hours.

BIOLOGY 72. *Histology.* A microscopic study of cells and tissues of the animal body. The laboratory will consist of training in histological methods.
Prerequisite: Biology 11, 12, 13, 32, 33.
Five quarter hours.

III

DEPARTMENT OF EDUCATION

STRAUTHER W. GRISE

Head of the Department and Professor of Education

KATHLEEN MOORE

Associate Professor of Education

CERTIFICATES. Students of Union College who meet requirements can secure teaching certificates issued by the Kentucky State Department of Education. Information concerning these requirements is given on pages 45, 46, 47.

COURSE OFFERINGS. The courses listed have been organized primarily to meet the needs of those who expect to enter the teaching profession and who plan to secure certificates.

A major or minor for the A.B. or B.S. degree is not offered in the Department of Education. The requirements for the degree of B.S. in Education are listed on page 36.

EDUCATION 11 *General Psychology.* A brief survey of the general principles of psychology with special emphasis on the application of these principles.

Four quarter hours.

EDUCATION 12. *Educational Psychology.* An introductory course in educational psychology dealing with the various influences bearing upon the growth and development of the human organism as related to teaching.

Four quarter hours.

EDUCATION 13. *Child Growth and Development.* This course presents the facts as for as they have been scientifically determined concerning child behavior with special reference to the meaning of these facts to the teacher. It considers the growth and development of the child from the point of view of his physical, mental, emotional, and social nature.

Prerequisite: Education 11 or 12.

Four quarter hours.

EDUCATION 31 *Fundamentals of Elementary Education.* The foundation course for the teacher-training program of the elementary school. The purposes of this course are (1) to help the student formulate his own philosophy of education; (2) to acquaint the student with the best educational practices of the modern elementary school and the philosophy on which it is based; (3) to show the relationship existing between modern

psychology and educational practices, and (4) to build up general and specific teaching techniques. Several observations are made.

Six quarter hours.

EDUCATION 32. *Methods of Teaching Reading.* The purpose of this course is to acquaint the students with the best current practices in teaching children to read. Students are led to attack the many practical problems concerned with teaching techniques and materials in the field of primary and upper grade reading. Observations in the training school demonstrate good techniques at different grade levels.

EDUCATION 33. *Supervised Teaching in the Elementary School.* This course is intended to give students practice in actual classroom situations under the direct supervision of an approved critic teacher.

Prerequisites: Scholastic standing of 1.00 or "C".
Completion of Education 11 or 12 and 31.
Completion of English 13, 14, and 15.
Completion of a minimum of 48 quarter hours of courses required for the Provisional Elementary Certificate.

Four quarter hours.

EDUCATION 34. *Rural Education.* This course is designed to consider the necessary adaptations of the educative process to rural school conditions and the farm child's experiences. It is intended to assist the rural teacher in a practical attack on the many difficult problems of the small rural school.

Four quarter hours.

EDUCATION 37. *Workshop in Rural and Elementary Education.* This program is designed for both experienced and inexperienced persons teaching in rural and elementary school and is conducted on a problem-solving basis. The content of the workshop program is the problems presented by the group. Observation and participation in the actual teaching situation are provided when possible. From three to nine quarter hours credit in electives in education may be earned in workshop programs in Union College.

EDUCATION 51. *Fundamentals of Secondary Education.* History and objectives of secondary education; problems of organization and administration of the secondary school.

Prerequisite: Educational Psychology.

Four quarter hours.

EDUCATION 52. *The Elementary School Curriculum.* A study of the prevailing tendencies of procedures involved in curriculum construction in the elementary school, with special emphasis on the classroom teacher's function in changing and adapting the curriculum to the conditions of his particular situation. Critical attitudes are developed in evaluating both the traditional and the newer curricula and the curricular techniques. Some actual practice in modern curriculum-making is carried on through the construction of activity units.

Four quarter hours.

EDUCATION 53. *Tests and Measurements.* A survey of the principles and techniques which underlie the construction and use of both formal and informal tests in the modern classroom.

Three quarter hours.

EDUCATION 71. *Principles of Educational Administration.* This course is designed to help the teacher understand the relationships of the administration of the school system to the instructional aspects of the program. It is also designed for students preparing for work as school administrators.

Four quarter hours.

EDUCATION 72. *Curriculum Construction in the Secondary School.* This course will deal with the newer concepts in curriculum development and the criteria for judging the values of curriculum materials. Curriculum organization, content, and derivation will be studied in the light of the functional needs of the time and place in which the school is operating.

Prerequisites: Educational Psychology and Fundamentals of Secondary Education.

Three quarter hours.

EDUCATION 73. *Supervised Student Teaching and Related Problems in the Elementary School.* This course is designed to give the student actual experience in teaching and in meeting teacher's problems under the guidance of trained supervisors. In addition to participation in the many activities related to actual classroom teaching, the student is given experiences in community and school organizations and activities, field trips and excursions, record keeping, faculty meetings, the collection and organization of teaching materials, and the study and guidance of children. Students will be expected to clear one-half day of academic courses and will spend the entire half-day in activities directly related to this course. The prerequisites for this course are the same as those for Education 33.

Eight quarter hours.

EDUCATION 81. *Supervised Student Teaching in the Secondary School.* This course is designed to develop in the student the skills essential to successful classroom procedures in the high school by giving the student-teacher the opportunity to participate in all of the activities engaged in by the regular teacher. Supervised student-teaching in the Secondary School is done in the Barbourville City Schools and in other affiliated public schools. Applications for this work should be made at least six weeks in advance of the time the teaching is to be done.

Prerequisites: (1) Completion of 135 quarter hours of college credit with a scholastic standing satisfactory to the Dean of the College and the Head of the Department of Education. (2) Completion of two-thirds of the minimum requirements in the core curriculum and in the subject fields in which student teaching is to be done. (3) Completion of eight quarter hours in Educational Psychology and Secondary Education. (4) One quarter of residence at Union College.

Applicants for this work must also meet acceptable standards as to health, use of English, personality and professional attitude.

Four or eight quarter hours.

EDUCATION 83. *Organization and Methods of Secondary School Teaching.* This course is designed to help the student of secondary education understand the generally accepted methods of teaching in the secondary schools. This course will be integrated with supervised teaching. It will call for a reconsideration of the objectives and function of the secondary school, instuctional planning, instructional materials, problems of classroom management, improved methods of teaching, and evaluation of results.

Prerequisite: Fundamentals of Secondary Education.

Four quarter hours.

IV

DEPARTMENT OF FINE ARTS

W. Everett Hendricks

Head of Department and Professor of Music Education

Lucille Epperson

Instructor in Music

Katherine V. D. Sutphen

Accompanist

Instructor in Art

Leila W. Poage

Dramatics

Requirements for a major In Music:

Music: Applied Music (24 qtr. hrs.); Theory, Music 15, 35, 55, 75 a, 75b (27 qtr. hrs.); Instruments, Music 34a, 34b (6 qtr. hrs.); Opera, Music 73c (3 qtr. hrs.); History and Appreciation, Music 13a, 13b (6 qtr. hrs.); Conducting, Music 54c (3 qtr. hrs.); Music in the Church, Music 73b. Total: 69 quarter hours.

Music Education: Applied Music (22 qtr. hrs.); Theory, Music 15, 35, 55 (21 qtr. hurs.); Instruments, Music 34a, 34b (6 qtr. hrs.) History and Appreciation, Music 13a, 13b (6 qtr. hrs); Conducting, Music 54c (3 qtr. hrs.); Public School Music, Music 54a, 54b (6 qtr. hrs.); Supervised Student Teaching, Music 74a (8 qtr. hrs.); Choral Technique, Music 74b (3 qtr. hrs.); Operetta Production, Music 74c (3 qtr. hrs.).
Total: 78 quarter hours.

Requirements for a Minor In Music:

Music: Applied Music (6 qtr. hrs.); History and Appreciation, Music 13a, 13b (6 qtr. hrs.); Fundamental Theory, Music 15 (3 qtr. hrs.); Electives in Music (12 qtr. hrs.). Total: 27 quarter hours.
Majors and minors are not offered in Art or Dramatics at present.

Course Offerings:

MUSIC

Applied Music

MUSIC 11a, 11b 11c. *Piano.* Technic major and minor scales, principal triad chords and arpeggios; studies from Czerny, Hanon, Von Bulow, Bach; compositions from classic and modern periods. Two lessons per week.

Two quarter hours each.

MUSIC 31a, 31b, 31c. *Piano.* Continuation of technic in combinations; studies from Czerny, preludes, bourrees, gavottes. Two lessons per week.

Two quarter hours each.

MUSIC 51a, 51b, 51c. *Piano.* Advanced technic, scales in parallel motion. Sonatas of Haydn, Mozart, Beethoven. Two lessons per week.

Two quarter hours each.

MUSIC 71a, 71b, 71c. *Piano.* Advanced technic. All major and minor scales in parallel and contrary motion, thirds and sixths. Bach's Well-Tempered Clavichord, Sonatas, standard compositions of Chopin, Schumann, and Brahms. Two lessons per week.

Two quarter hours each.

MUSIC 12a, 12b, 12c. *Voice.* Breathing, diction, placement. Vocalises, art songs, sacred and secular compositions in English. Two lessons per week.

Two quarter hours each.

MUSIC 32a, 32b, 32c. *Voice.* Continuation of vocalises. German and French and Italian songs. Two lessons per week.

Two quarter hours each.

MUSIC 52a, 52b, 52c. *Voice.* Vocalises of greater difficulty. German, French, and Italian songs. Two lessons per week.

Two quarter hours each.

MUSIC 72a, 72b, 72c, *Voice.* Arias from opera and oratorio in English, German, French, and Italian. Two lessons per week.

Two quarter hours each.

HISTORY AND APPRECIATION

MUSIC 13a. *Appreciation.* An introduction to the understanding of music. Non-technical lectures relating music to every-day living. Full use of the Carnegie Record Library.

Three quarter hours. Fall quarter.

Music 13b. *History of Music.* A general survey of the major composers, their lives and works, from Palestrina through contemporary writers.
Three quarter hours. Winter quarter.

Music 73b. *Music in the Church.* A study of hymnology; liturgical services; basic hymn conducing; materials for churches; materials for small choirs and for young people's work.
Three quarter hours. Winter quarter.

Music 73c. *Opera.* A general survey of operatic composers and the stories and the music they wrote.
Three quarter hours. Spring quarter.

Public School Music

Music 34a, 34b. *Instruments.* A study of all orchestra and band instruments; ranges, technic, and literature.
Three quarter hours each. Fall and Winter quarters.

Music 54a. *Elementary School Music.* Methods and materials for teaching music in the elementary grades.
Three quarter hours. Fall quarter.

Music 54b. *Secondary School Music.* Methods and materials for teaching music in the secondary school.
Three quarter hours. Winter quarter.

Music 54c. *Conducting.* Choral and orchestra conducting techniques. Rehearsal routines and study of scores.
Three quarter hours. Spring Quarter.

Music 74a. *Supervised Student Teaching* (See Education 81). The theories of music education put into actual practice in a classroom situation.
Prerequisite: Music 54a, 54b, 54c, and prerequisites required for Education 81.
Eight quarter hours. Fall Quarter.

Music 74b. *Advanced Choral Techniques.* The advanced problems of the choral conductor as related to the greatest choral literature.
Prerequisite: Music 54c.
Three quarter hours. Winter quarter.

Music 74c. *Operetta Production.* Methods of selecting and producing operettas. Stagecraft, business management, and musical problems.
Three quarter hours. Spring quarter.

THEORY

MUSIC 15. *Fundamental Theory.* Key signatures, time signatures, notations, sightsinging, intervals, triads, and scales.

Three quarter hours. Spring quarter.

MUSIC 35a, 35b, 35c. *Harmony.* Harmonization of melody and figured bass. Simple modulations.
Prerequisite: Music 15.

Three quarter hours each.

MUSIC 55a, 55b. *Harmony, Advanced.* Continuation of Music 35. Harmonization using all chords and modulations.

Three quarter hours each. Fall and Winter quarters.

MUSIC 55c. *Keyboard Harmony.* Cadences, sequences, and modulation at the keyboard.
Prerequisite: Music 55a, 55b.

Three quarter hours. Spring quarter.

MUSIC 75a. *Counterpoint.* Strict and free writing in two and three parts with simple inversions.
Prerequisite: Music 55a, 55b, 55c.

Three quarter hours. Fall quarter.

MUSIC 75b. *Form and Analysis.* Studies of Bach and Beethoven and the structure of their writings.
Prerequisite: Music 75a.

Three quarter hours. Winter quarter.

CHOIR; BAND; ENSEMBLES

MUSIC 16a, 16b, 16c.
MUSIC 36s, 36b, 36c.
MUSIC 56a, 56b, 56c
MUSIC 76a, 76b, 76c.

Unaccompanied singing of the great choral works of the masters through the modern composers. This group makes many concert appearances throughout the Tri-State Area. Admission by permission of the director. Five rehearsals per week.

One quarter hour each.

MUSIC 17a, 17b, 17c.
MUSIC 37a, 37b, 37c.
MUSIC 57a, 57b, 57c.
MUSIC 77a, 77b, 77c.

An instrumental organization, playing the finest in band literature. This group, while primarily a concert band, also plays for athletic events. Three rehearsals per week.

One quarter hour each.

ENSEMBLES. Small string, brass, and vocal ensembles are organized from the student body and appear before church groups, luncheon clubs, and high-school assemblies.

ART

Art 39. *Public School Art.* This course is planned for elementary teachers. It aims to develop observation and appreciation of beauty, to develop steady growth in ability to express the child's own ideas, and to apply principles that govern design and color so that originality may be adequately expressed. Some of the topics considered are color, representation, design, and composition.

Three quarter hours.

Art 41, 42. *Fundamentals of Art.* The first half of the course offers studies in line, light and shade, color, design motives, human figure, and portrait problems, sketches from nature rendered in pencil, pen and ink, charcoal, crayon, pastels. In the second half of the course, elementary craftwork, place-cards, posters, maps, program covers, decorations on textiles, developments of color emphases, brush studies are included.

Three quarter hours each.

Art 73, 74. *History and Appreciation of Art.* This course is a rapid survey of art from prehistoric times to the present day, stressing the works of the greatest masters in the fields of painting, sculpture, and architecture. Integrated with this survey is a study of the principles underlying beauty and the application of these principles to everyday life.

Three quarter hours.

DRAMATICS

Dramatics 33, 34. *Elementary Dramatics.* The principles underlying acting and artistic interpretation of dramatic literature are studied in this course. Opportunities for appearing in plays and dramatic productions are afforded the student.

Three quarter hours each.

Dramatics 35, 36. *Advanced Dramatics.* This course presents the fundamentals of acting, staging, and directing.

Three quarter hours each.

V

DEPARTMENT OF LANGUAGES

BYRON H. GIBSON

Head of Department and Professor of English

ALDIS B. EASTERLING

Assistant Professor of French and Spanish

LEILA WILLIS POAGE

Assistant Professor of English and Speech

ISLA ELLERBE

Assistant Professor of English

ENGLISH

REQUIREMENTS FOR A MAJOR. Thirty-six quarter hours in addition to twelve quarter hours of English Composition. The major must include English 51, Literary Appreciation, and eighteen additional quarter hours in courses numbered above 50.

REQUIREMENTS FOR A MINOR. Twenty-seven hours in addition to twelve quarter hours of English Composition. The minor must include twelve quarter hours in courses numbered above 50.

REQUIREMENTS FOR AN AREA. The area requires a minimum of seventy-two quarter hours, and shall include a minimum of forty-four quarter hours in Grammar, Composition, American Literature, and English Literature, and the remaining twenty-eight quarter hours may include Dramatics, Journalism, and Speech. No additional major is required. Completion of an Area in English satisfies requirements for the Bachelor of Science in Education degree only.

ENGLISH 11. *Debating.* The purpose of this course is to train the student in the art of clear thinking and logical arrangement of materials in the argumentative form known as debate. The fundamentals of debating will be studied and applied to problems chosen for discussion. The national collegiate debate subject will be studied. From the class in debating will be chosen the intercollegiate debate teams.

Two quarter hours.

ENGLISH 13, 14, 15. *Composition.* The purpose of this course is to train the student in the fundamentals: grammar, punctuation, spelling, reading, writing, the use of a dictionary. Themes are required; these are corrected and criticized by the instructor

and returned for revision. The instructor is regularly available for personal conference with the individual student. Required of all freshmen.
Four quarter hours each.

ENGLISH 31, 32. *Public Speaking.* The purpose of this course is to train students for effective participation in ordinary speaking situations. Primary emphasis is placed on acquiring poise and grace in platform manners; learning the source and organization of speech materials, objectives, and audience considerations. Some attention is given to the physiological basis of voice and corrective voice drills. Correct and careful enunciation and pronunciation are stressed. Much practice is given in the preparation and delivery of speeches for various occasions, purposes, and audiences. The different types of public discussions are practiced.
Three quarter hours each.

ENGLISH 37, 38. *English Literature.* This study acquaints the student with all the major English writers from the eighth century author of *Beowulf* to the twentieth century. This survey helps develop the historical perspective necessary for understanding and justly evaluating present-day literature and society. English 37 includes Chaucer, Spenser, Shakespeare, the King James Version of the Bible, Milton, Dryden, Pope, Gray, Goldsmith, Johnson. English 38 stresses Burns, Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, and Browning.
Five quarter hours each.

ENGLISH 39. *Children's Literature.* This course is designed to give the prospective elementary teacher an opportunity to make a systematic study of children's literature and to know and appreciate the best in this particular field. It includes a brief survey of the history of children's literature and a study of the literature itself under the following topics: Mother Goose, fables, folk songs, literary fairy tales, myths, legends, hero tales, nature stories, fiction, biography, poetry, historical and geographical literature. Story-telling and dramatization are introduced. Other methods of teaching are touched incidentally.
Four quarter hours.

ENGLISH 51 *Literary Appreciation.* In this course the different types of literature are studied in order to understand better and thus appreciate more fully each type. Selected masterpieces are studied to illustrate the short story, the drama, the essay, the novel, and poetry. Particularly comprehensive study is given to poetry. Required of all who major in English.
Five quarter hours.

ENGLISH 52, 53. *American Literature.* This course is a survey of the lives and works of the major American writers from the Colonial period to modern times. The first half includes the periods known as Colonial Literature, Provincial Literature, Period of Revolution and Reorganization, Rise of Romanticism and National Literary Consciousness, and Earlier 19th Century; the second half, Later 19th Century, Age of Science and the Machine, Contemporary Trends. Collateral reading and various forms of reports are part of the course.

Four quarter hours each.

ENGLISH 54. *The English Novel of the Nineteenth Century.* This course is designed to cover the novel in England from the time of Scott in 1900, stressing the works of Dickens, Thackeray, the Brontes, George Eliot, Meredith, Stevenson, Butler, Hardy, and Gissing.

Five quarter hours.

Offered alternate years.

ENGLISH 55 *Word Study.* This course aims to enlarge vocabularies, to teach the easiest and fastest methods of learning new words, and to develop word-consciousness and intellectual curiosity about language that will prove of lasting value both cultural and practical. A comprehensive guide-book is used, with outside practice in current newspapers and magazines.

Four quarter hours.

ENGLISH 71 *World Literature.* An appreciative study of the world masterpieces which, in translation for centuries, have influenced Western thought and literature. Emphasis is laid on the writings of Homer, Aeschylus, Sopholes, Euripides, Aristophanes, Virgil, Dante, and Goethe. This course is planned to give the background necessary for the full understanding and enjoyment of English and American literature.

Four quarter hours.

ENGLISH 72. *Poetry of Today.* The purpose of this course is to acquaint the student with the best in the field of modern American and British poetry. The course aims also to aid in the acquiring of an appreciation of contemporary poetry ranging from that of Thomas Hardy to that of current writers. It deals with present-day styles, modes, values and subject matter.

Four quarter hours.

Offered alternate years.

ENGLISH 73. *Development of Drama.* This course consists of a study of drama forms or types, dramatic modes, and dramatic

values from Greek to present-day productions. A background of history of the plays, playwrights, times, theaters, origin, and occasion of production is developed.

Four quarter hours.

Offered alternate years.

ENGLISH 74. *Modern Drama.* This course provides a study of European and American drama in the nineteenth and twentieth centuries. The plays studied range from those of Ibsen to current productions. It is designed to broaden and deepen the student's knowledge of dramatic impulses and of the ways in which dramatic practices have developed.

Four quarter hours.

Offered alternate years.

ENGLISH 75. *Romantic Poetry.* Beginning with an introductory survey of pre-romanticism, this course is an intensive historical and appreciative study of the poetry of Wordsworth, Coleridge, Byron, Shelley, Keats. English 75 should follow English 38; these two courses may not be taken the same quarter.

Five quarter hours.

ENGLISH 76. *Shakespeare.* The course consists of a study of the sonnets and the major comedies including one of the historical plays. The emphasis is upon the dramas themselves, but some time will be given to background including a brief analysis of Shakespeare, the man, the play-wright, the actor and the manager.

Four quarter hours.

ENGLISH 77. *Shakespeare.* The course includes a study of the major tragedies including the individual masterpieces Hamlet, King Lear, and Antony and Cleopatra.

Four quarter hours.

ENGLISH 78. *Victorian Poetry.* This course offers an intensive historical and appreciative study of the poetry of the last three quarters of the nineteenth century. Special stress is placed upon Tennyson and Browning, with secondary emphasis on Arnold, the Rossettis, Swinburne, and others. English 77 should follow English 38; these two courses may not be taken the same quarter.

Five quarter hours.

Offered alternate years.

JOURNALISM

JOURNALISM 11, 12, 13. *Introduction to Journalism.* This course is designed to introduce the student to the organization of the modern newspaper, to acquaint him with methods of news reporting, and to train him in news writing.

Four quarter hours each.

JOURNALISM 31. *Copyreading.* This course includes general newspaper desk work, emphasizing editing the news and correcting faulty news stories. Some attention is given to headwriting, news pictures, and page make-up.

Four quarter hours.

JOURNALISM 32. *Feature Article Writing.* This course stresses the preparation of newspaper and magazine feature stories and articles; style, structure, and writing. Attention is given also to market analysis and publication methods.

Four quarter hours.

JOURNALISM 33. *Principles of Advertising.* This course is based upon study of the general principles of psychology applied to advertising, with special emphasis upon advertising in newspapers and magazines.

Four quarter hours.

FRENCH AND SPANISH

REQUIREMENTS FOR A MAJOR IN EITHER LANGUAGE. Thirty-six quarter hours in the language in which the major is desired.

REQUIREMENTS FOR A MINOR. Twenty-seven quarter hours in the language in which the minor is desired.

FRENCH

FRENCH 11, 12, 13, *Beginning French.* In this course French is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter, a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

FRENCH 31, 32, 33. *Intermediate French.* More advanced work in conversation, grammar and composition, based on material

of current interest. Reading of selections from modern French authors. Conducted largely in French.

Prerequisite. Nine quarter hours of college French or two years of high school French.

Three quarter hours each.

French 51, 52, 53. *Survey of French Literature.* A study of some of the outstanding works of French literature and the movements they represent. Continued work in French conversation and composition.

Prerequisite: Eighteen quarter hours of college French or the equivalent.

Three quarter hours each. Offered alternate years.

French 71, 72, 73. *Modern French Literature.* A study of the greater literary figures of France since the beginning of the eighteenth century. Opportunity is given for more extensive reading in the works of authors in whom the individual student is particularly interested.

Prerequisite: Eighteen hours of college French or the equivalent.

Three quarter hours each. Offered alternate years.

SPANISH

Spanish 11, 12, 13. *Beginning Spanish.* In this course Spanish is presented as a natural, living means of expression with special emphasis on hearing and speaking. Reading and writing are used as aids to this desired end, grammar being introduced only as needed during the first two quarters.

During the third quarter a systematic study of grammar is developed as an essential to further progress in the use of the language, including reading and writing, with continued emphasis on development of ability to speak the language.

Three quarter hours each.

Spanish 31, 32, 33. *Intermediate Spanish.* More advanced work in conversation, grammar and composition, based on material of current interest concerning Spain and Latin America. Reading of selections from modern Spanish and Spanish-American authors. Conducted largely in Spanish.

Prerequisite: Nine quarter hours of college Spanish or two years of high school Spanish.

Three quarter hours each.

Spanish 51, 52, 53. *Survey of Spanish Literature.* A study of the outstanding literary works of Spain, and the movements they represent, since the middle of the sixteenth century. Advanced

work in conversation and composition, based on material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

SPANISH 61, 62, 63. *Spanish Literature of the 20th Century.* A study of outstanding works representative of the various literary movements in Spain during the present century. Continued work in conversation and composition.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

SPANISH 71, 72, 73. *Survey of Spanish American Literature.* A study of the development of Spanish Literature in Latin America, from the early colonial period to recent years. The more important literary works will be read in the light of their relation to the literary movements of the period and to Latin American civilization. Advanced work in conversation and composition, based on material of current interest.

Prerequisite: Eighteen quarter hours of college Spanish or the equivalent.

Three quarter hours each.

Offered alternate years.

VI

DEPARTMENT OF PHYSICAL EDUCATION

Bernard E. Wilson

Head of Department and Professor of Physical Education

Julia A. Marshall

Instructor in Physical Education

The plan devised by the Department of Physical Education consists of many activities that are beneficial to the health, as well as being interesting for the student. Several activities are given to provide exercise and recreation suitable for students to continue after they have completed their college work. Many of the exercises and games taught will prove valuable to teachers, social workers, and those interested in directing playground or other recreational activities.

Requirements for a Major: Thirty-six quarter hours, including not more than twelve quarter hours chosen from the activity courses numbered from eleven through thirty; and the following courses: P.E. 31 or 32; P.E. 35 or 36; P.E. 33 or 34; P.E. 37 or 38; P.E. 39, 40, 41, 42, 43, 44.

Requirements for a Minor: Twenty-seven quarter hours, including not more than nine quarter hours chosen from the activity courses, and the following courses: P.E. 31 or 32; P.E. 35 or 36; P.E. 33 or 34; P.E. 37 or 38; P.E. 39, 40, 41, 42, 43.

All freshmen and sophomores are required to register for one activity course each quarter. These courses are numbered from eleven to thirty and include seasonal sports for both men and women.

Course Offerings:

Physical Education 11. *Restricted Activities for Men.* Open only to men who are advised by a physician to participate in limited activity only.

One quarter hour. Offered each quarter.

Physical Education 12. *Restricted Activities for Women.* Open only to women who are advised by a physician to participate in limited activity only.

One quarter hour. Offered each quarter.

PHYSICAL EDUCATION 13. *Touch Football and Volleyball for Men.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 14. *Speedball and Volleyball for Women.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 15. *Tennis and Badminton for Men.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 16. *Tennis and Badminton for Women.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 17. *Archery, Horseshoes, and Handball for Men.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 18. *Archery, Table Tennis, and Shuffle board for Women.*
One quarter hour. Fall quarter.

PHYSICAL EDUCATION 19. *Basketball for Men.*
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 20. *Basketball for Women.*
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 21. *Stunts and Tumbling for Men.*
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 22. *Stunts and Tumbling for Women.*
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 23. *Folk Games.* Open to men and women.
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 24. *Rhythms for Women.*
One quarter hour. Winter quarter.

PHYSICAL EDUCATION 25. *Advanced Tennis and Badminton for Men.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 26. *Advanced Tennis and Badminton for Women.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 27. *Track and Field for Men.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 28. *Advanced Archery for Women.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 29. *Softball for Men.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 30. *Softball for Women.*
One quarter hour. Spring quarter.

PHYSICAL EDUCATION 31. *Physical Education for Elementary Schools.* Includes the use of text and regular class meetings taking up the work of conducting plays and games. This course sets up a physical-education program for the elementary school as a whole, and also takes up each grade separately. Any student who is working for an elementary teacher's certificate must have this course. Open to men and women.
Three quarter hours. Spring quarter.

PHYSICAL EDUCATION 32. *Physical Education for Secondary Schools.* This course sets up a physical-education program for the high school, including intramural activities. The content of the course includes suitable material for both boys' and girls' classes. Open to men and women.
Three quarter hours. Fall quarter.

PHYSICAL EDUCATION 33. *Football Coaching and Officiating.*
Two quarter hours. Fall quarter.

PHYSICAL EDUCATION 34. *Hockey and Speedball Coaching and Officiating for Women.*
Two quarter hours. Fall quarter.

PHYSICAL EDUCATION 35. *Basketball Coaching and Officiating for Men.*
Two quarter hours. Winter quarter.

PHYSICAL EDUCATION 36. *Basketball Coaching and Officiating for Women.*
Two quarter hours. Winter quarter.

PHYSICAL EDUCATION 37. *Track and Baseball Officiating for Men.*
Two quarter hours. Spring quarter.

PHYSICAL EDUCATION 38. *Softball and Tennis Coaching and Officiating for Women.*
Two quarter hours. Spring quarter.

PHYSICAL EDUCATION 39. *Personal Hygiene.* Open to men and women.

Two quarter hours. Fall quarter.

PHYSICAL EDUCATION 40. *Principles of Physical Education.* This course is an introduction to the theory of physical education and its underlying principles.

Three quarter hours. Spring quarter.

PHYSICAL EDUCATION 41. *First Aid.* This course includes the study of the Standard American Red Cross First-Aid Textbook as well as the treatment of athletic injuries. Open to men and women.

Three quarter hours. Winter quarter.

PHYSICAL EDUCATION 42. *School Health and Safety.* This course is particularly designed to aid the classroom teacher in the teaching of health.

Three quarter hours. Spring quarter.

PHYSICAL EDUCATION 43. *Recreational Leadership.* This course is designed to aid the students going into the teaching field, Christian service, or social service, in the selection of suitable recreational material. The class aids in the planning of several social activities on the campus during the quarter.

Three quarter hours. Winter quarter.

PHYSICAL EDUCATION 44. *Administration of Physical Education.* This course takes up the study of program-planning, care of equipment, organization of tournaments and sport days, and the relationship of physical education to the school as a whole.

Three quarter hours. Winter quarter.

VII

DEPARTMENT OF PHYSICAL SCIENCES

Charles R. Wimmer

Head of the Department and Professor of Chemistry

Philip I. Peters

Instructor in Mathematics and Physics

Requirements for a Major.

Physical Science: Forty-two quarter hours.

Chemistry. Thirty-six quarter hours.

Mathematics:. Thirty-six quarter hours.

Requirements for a Minor.

Chemistry. Twenty-seven quarter hours.

Mathematics: Twenty-seven quarter hours.

Course Offerings.

CHEMISTRY

Chemistry 11, 12, 13. *General Inorganic Chemistry*. This course is designed for the student who wishes to take only one year of chemistry as a cultural subject, as well as for the student who wishes a foundation for further study in chemistry. The basic principles of chemistry are studied thoroughly and their practical application to our everyday living is pointed out. The laboratory work is devoted to the experiments which illustrate the theories, preparations, and reactions studied in the classroom.

Chemistry 31. *Qualitative Analysis*. This course is devoted to systematic study of the theories and fundamentals of qualitative analysis involved in the separation and identification of the more common metals and acids. Lecture, one hour, laboratory, three two-hour periods per week.

Prerequisite: Chemistry 11, 12, 13, or equivalent.

Chemistry 32, 33. *Quantitative Analysis*. This course is intended for pre-medical students and for those who are majoring in chemistry. The fundamental principles of gravimetric and volumetric analysis are studied. These principles are then

applied for the purpose of developing careful and accurate work in the laboratory. Lectures and recitations one hour per week; laboratory, three two-hour periods per week.

Prerequisite: Chemistry 11, 12, 13 and 31 or equivalent.

Four quarter hours each.

CHEMISTRY 51, 52, 53. *Organic Chemistry*. A course intended for the student who is preparing for the study of medicine or for the student majoring in chemistry or home economics. A thorough study is made of the principles underlying the classification of carbon compounds as well as the preparation and properties of the various classes of aliphatic and aromatic hydrocarbons and their derivatives. The laboratory work in this course is designed to correlate the principles learned in the classroom with their practical application. Lectures and recitations two hours per week; laboratory, two two-hour periods per week.

Prerequisite: Chemistry 11, 12, 13, or equivalent.

Four quarter hours each.

MATHEMATICS

MATHEMATICS 14. *College Algebra*. The course presupposes a knowledge of elementary algebra. Topics: review of fundamentals of algebra, linear functions, exponents and radicals, quadratic equations, ratio, proportion, progressions, binomial theorem, determinants.

Four quarter hours. Fall quarter.

MATHEMATICS 15. *Plane Trigonometry*. Topics: the trigonometric functions, use of tables, solution of right and oblique triangles by use of logarithms, radian measure, fundamental identities.

Prerequisite: Mathematics 14 or equivalent.

Four quarter hours. Winter quarter.

MATHEMATICS 16. *Plane Analytic Geometry*. Topics: straight line, circle, conics, tangents, transformation of coordinates, polar coordinates, parametric equations.

Prerequisite: Mathematics 15.

Four quarter hours. Spring quarter.

MATHEMATICS 37. *Methods of Teaching Arithmetic*. A study of the subject matter, teaching materials, and methods for the elementary grades. Not counted toward major or minor in mathematics.

Four quarter hours.

MATHEMATICS 55. *Differential Calculus.* Topics: the derivative, functions, maxima and minima, related time rates, limits, continuity, indeterminate forms, parametric equations, speed, velocity, acceleration, curvature, differentials, infinitesimals, partial differentiation.
Prerequisite: Mathematics 16.

Four quarter hours. Fall quarter.

MATHEMATICS 56. *Integral Calculus.* Topics: the definite integral, use of integral tables, applications to mechanics, multiple integration, infinite series.
Prerequisite: Mathematics 55.

Four quarter hours. Winter quarter.

MATHEMATICS 58. *Differential Equations.* Particular solutions, differential equations of first order and degree, applications.
Prerequisite: Mathematics 56.

Four quarter hours. Spring quarter.

MATHEMATICS 60. *Solid Analytic Geometry.* Fundamental principles of solid analytics, with emphasis on the use of determinants.
Prerequisite: Mathematics 56.

Four quarter hours.

MATHEMATICS 68. *College Geometry.* Constructions, harmonic ranges and pencils, harmonic properties of circle, radical axis, poles and polars, inversion, symmedian points, Bocard points.
Prerequisite: Mathematics 55.

Four quarter hours.

MATHEMATICS 71. *Theory of Equations.* Topics: the complex number, general theorems on algebraic equations, theorems of Sturm and Budan, numerical approximation to roots, determinants, simultaneous linear equations, symmetric functions, the Graeffe method.
Prerequiste: Mathematics 16 and permission of instructor.

Four quarter hours.

PHYSICS

PHYSICS 34, 35, 36. *General Physics.* This course deals with mechanics (fall quarter); heat, sound and light (winter quarter); electricity and magnetism (spring quarter). Lectures and recitations three hours per week; laboratory one two-hour period per week.

Four quarter hours each.

VIII

DEPARTMENT OF SOCIAL STUDIES

PHILLIP M. SMITH

Head of the Department and Professor of Sociology

*WILLIAM H. JEFFREY

Instructor in History

REQUIREMENTS FOR A MAJOR. *Sociology.* Thirty-six quarter hours in this field. Ten hours of Economics may be included.

REQUIREMENTS FOR A MINOR. *Sociology.* Twenty-seven quarter hours in this field. Six hours of Economics may be included.

REQUIREMENTS FOR A MAJOR. *History.* Thirty-six quarter hours.

REQUIREMENTS FOR A MINOR. *History.* Twenty-seven quarter hours.

Students who are candidates for the Bachelor of Science in Education degree may satisfy the Area requirements in the Social Sciences as follows:

A teaching area in Social Science shall consist of a minimum of 72 quarter hours distributed as follows: 28 quarter hours in History, including eight quarter hours in American History and eight quarter hours in European History; and a minimum of eight quarter hours each, in the following subjects: Political Science, Economics, Sociology, and Geography. The other twelve quarter hours in this field shall be elective from Social Sciences.

No additional major or minor is required for the secondary certificate in History and Sociology. It will be advisable for teachers to use their electives to obtain eighteen quarter hours in one or two fields aside from history so that they may obtain teaching minors in as many phases of this area as possible.

* Resigned February 16, 1946

SOCIOLOGY

COURSE OFFERINGS.

SOCIOLOGY 11, 12. *Introduction Sociology*. This course is designed to give the student an understanding of the origin, development and activities of modern society.
Four quarter hours each.

SOCIOLOGY 32. *Rural Sociology*. A study of the rural sections of our society including its people, organizations, institutions, and problems. The aim of this course is to familiarize the student with the farm family, the rural school, the country church, and the farm organizations which improve country life.
Four quarter hours.

SOCIOLOGY 33. *The Family*. A study of the association of individuals living together in families and a discussion of the more important problems arising from such associations. This course uses a history of domestic institutions merely as a background for understanding practical domestic problems of the present day. Special emphasis is placed upon the adjustment which young people need to maks when they are united in marriage.
Four quarter hours.

SOCIOLOGY 34, 35. *Principles of Economics*. A study of the fundamental principles of economics, including the production, distribution, and consumption of goods, money and exchange; labor and capital, and the factors influencing supply and demand. Problems and examples to illustrate and fix these principles in the mind of the student will be used where practical.
Three quarter hours each.

SOCIOLOGY 36. *Consumer Economics*. A course designed to acquaint the student with sound and efficient consumer practices as the making of budgets, the type and qualities of goods, and services offered by the market, and the securing of fair value for the money which the consumer spends.
Four quarter hours.

SOCIOLOGY 37. *Principles of Geography*. This course is a study of Human Ecology. It is designed to acquaint the student with the physical features of the earth on which we live, to give the student instruction and practice in the use and interpretation of maps, globes, and atlases, and to show the ways in which man's life, standard of living, mode of thought, and social contacts are influenced by the earth's form, composition, and movements.
Four quarter hours.

SOCIOLOGY 51. *Social Psychology.* A study of the development and activity of the group mind, the interaction of individuals with groups, and of groups with each other. This course aims to help the individual adjust himself to the various groups with which he may wish to affiliate himself and to acquaint him with some of the means by which he may help to mold group thought.

Prerequisite: Sociology 31 or Education 11.

Four quarter hours.

SOCIOLOGY 52. *Modern Social Problems.* A study of the more prevalent and pressing present-day social and community problems.

Prerequisite: Sociology 11 and 31.

Four quarter hours.

SOCIOLOGY 53. *Economic Geography.* A study of the natural resources of the world and their influence upon the habits, standard of living, thought and concentration of people. Special stress will be placed upon those resources directly affecting the well-being of the people of the United States.

Prerequisite: Sociology 37 or qualifying examination.

Four quarter hours.

SOCIOLOGY 71. *Problems of Youth.* A course dealing with the problems facing young people today and a discussion of those problems and their possible solutions in the light of Christian principles of living and good social conduct.

Prerequisite: Sociology 31.

Four quarter hours.

SOCIOLOGY 72. *Sociology Reading.* A reading course designed to broaden and fill out the training of those who major or minor in Sociology. Books will be selected for the student from the fields with which he is least familiar. About thirty-six hours of reading will be required for each hour credit. Oral reports and oral and written examinations will check the quality of reading done by those taking this course.

Prerequisite: Twenty-two quarter hours of Sociology and/or Economics and permission from Head of Department.

One to six quarter hours.

SOCIOLOGY 73. *Sociology Problems.* This course is designed to give students an opportunity to do individual work under supervision. Such work may be done at any time significant problems are presented.

Prerequisite: Twenty quarter hours in Sociology and or Economics or sufficient training to carry on independent work.

One to nine quarter hours.

HISTORY

History 11, 12. *American History.* The first half of the course deals with the colonial settlement, the development of our system of government, the problems of the young government, sectionalism, and the background of the war between the states. The second half of the course is a study of the Civil War and Reconstruction, growth of imperialism, World War I and the feverish period following the war, and the administration of Franklin D. Roosevelt.

Four quarter hours each.

History 13, 14. *American Government and Citizenship.* A study is made during the first half in some detail of the power and functions of Congress, the President, and our national courts. The second half of the course consists of a study of our state, city, and county governments with notices of recent changes made or contemplated.

Four quarter hours each.

History 15. *Current History.* A study of contemporary events by use of newspaper, periodical, and radio. The background of the news is considered and studied.

Four quarter hours.

History 21, 22. *Modern European History.* This course has to do with the development of Europe from 1500 to the present time. Of special importance in this course are the intellectual, religious, economic, political, and social changes which came with the Protestant Revolution of the sixteenth century, the French Revolution of the eighteenth century, the Industrial Revolution of the eighteenth and nineteenth centuries, and the very important changes in various fields which came with the nineteenth and twentieth centuries.

Four quarter hours each.

History 31, 32. *History of Great Britain.* Attention is paid to the social and economic development as well as to the political.

Four quarter hours each.

History 35, 36 *History of Medieval Europe.* Of special interest are the institutions which form the basis of those of modern times, such as feudalism, the city state, the beginnings of the national state, the Church, the Holy Roman Empire. The latter part is concerned especially with developments in the 13th, 14th, and 15th centuries, including the movement generally known as the Early Renaissance.

Four quarter hours each.

HISTORY 53, *Europe Between Two Wars,* 1918-1939. Deals with the problems of reconstruction after the first World War, and the continued rivalries of the great powers. Culture changes are studied, with special emphasis on the rise of totalitarian ideologies.

Four quarter hours.

HISTORY 55, 56. *Latin-American History.* Beginning with a study of the aborigines of Central and South America, the course deals with the conquest of those areas by Spain, together with the impact of Spanish institutions upon the conquered peoples. A consideration of the struggle for independence concludes the work of the first quarter. During the second quarter a study is made of the rise of Latin-American republics, and the political, economic, and cultural importance of Hispanic America to the United States and the world.

Four quarter hours each.

I.

DIVISION OF HOME ECONOMICS

Alice R. Smith

Associate Professor of Home Economics

Requirements for a Major. Thirty-six quarter hours.

Requirements for a Minor. Twenty-seven quarter hours.

Home Economics 11, 12. *Textiles.* A study of textile fibers, both natural and synthetic; also the fundamental weaves and finishes of fabrics with regard to selection of suitable materials for personal and household use.

Two quarter hours each.

Home Economics 13. *Costume Design.* A study of appropriate costume for the individual; choice of line, color and texture with emphasis upon the relation of these to physical make-up and personality.
Prerequisite: Fine Arts 41.

Three quarter hours.

Home Economics 14, 15, 16. *Foods.* Introductory food study; the course includes a study of the classifications and composition of foods, principles of cookery and practice in food preparation, meal planning and table service.

Three quarter hours each.

Home Economics 31, 32, 33. *Clothing.* Primarily a construction course; includes a study of construction principles, adaptation and alteration of commercial patterns and the use and care of sewing equipment.
Prerequisites: Home Economics 11, 12, Textiles; and Home Economics 13, Costume Design.

Three quarter hours each.

Home Economics 30. *Fundamentals of Homemaking.* A general course dealing with common housekeeping problems of the average home. Not open to Home Economics majors.

Two quarter hours.

HOME ECONOMICS 34, 35, 36. *Home Planning and Furnishing.* Social and economic problems of housing in America; problems of house-buying and house-planning from the consumer's point of view. Study of line, color, and texture in furnishings used to create a pleasing interior in homes.
Prerequisites: Home Economics 11, 12; Fine Arts 41.
Two quarter hours each.

HOME ECONOMICS 51. *Family Health and Home Nursing.* A study of the factors that affect the health of the family, means of improving health and preventing diseases; practical work in home care of the sick.
Three quarter hours.

HOME ECONOMICS 52, 53. *Nutrition.* A study of the properties and nutritive values of foods; the functions of foods in meeting the nutritive requirements of the body.
Prerequisite: Chemistry 51, 52, 53.
Three quarter hours each.

2.

DIVISION OF SECRETARIAL SCIENCE

Tora Larsen

Assistant Professor of Secretarial Science

The Diploma of Secretarial Science is granted to a student who satisfactorily completes the prescribed two-year course in Secretarial Science with an average scholastic standing of 1.00.

A minor in Secretarial Science is offered for the degree of Bachelor of Science in Education for the Provisional High School certificate. This minor requires the completion of twenty-seven quarter hours approved by the Dean of the College and the Head of the Division.

The following courses carry college credit as indicated, and may be elected by all students with permission from the Dean of the College.

Secretarial Science 10, 11, 12. *Shorthand.* This is the beginning course in Gregg Shorthand. It covers the theory and principles of the system together with an introduction to transcription. Students are expected to pass the 60-word dictation test on the completion of this course. The class meets five times a week.

Four quarter hours credit each quarter.

Secretarial Science 13, 14, 15. *Typewriting.* Its purpose is to develop the proper techniques in typewriting. The attainment of a speed of 45 words a minute on continuity writing is required. Other topics covered are proper letter arrangement, various business forms, tabulating, manuscript writing, copying from rough drafts and addressing envelopes. Five class periods and three practice periods a week.

Three quarter hours credit each quarter.

Secretarial Science 16, 17. *Filing.* This course makes a detailed study of filing, using the Library Bureau Filing Text. The following kinds of filing are studied: alphabetic, triple check automatic, numeric, geographic, subject, soundex and decimal. Class meets three times a week.

Two quarter hours credit each quarter.

Secretarial Science 18. *Office Machines.* This is an introductory course. It covers the different types of machines and their uses. It will give the student practice on as many machines as

possible. Each student should cover the following types of machines with individual work on each kind: calculators, mimeograph, transcribing machines, gelatin duplicator and billing machines. One class and four practice periods each week. Prerequisite, two quarters of typing or its equivalent.

Two quarter hours credit.

SECRETARIAL SCIENCE 22, 23, 24. *Accounting.* This is an introdustory course presenting the theory and principles of accounting. The subjects treated include: principles of entries in the various accounting records, simple financial statement structure and content, accounting for the individual proprietorship, the partnership and the corporation, controlling accounts, special cash books, journals and subsidiary ledgers, the voucher system, manufacturing costs, sinking funds and reserves, consignments, etc. Class meets six hours per week to give adequate time for laboratory work.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 30, 31, 32. *Shorthand.* Prerequisites, Shorthand 10, 11, and 12 and Typing 13, 14 and 15 or their equivalents. This course covers intermediate and advanced transcription. It stresses speed in both taking dictation and transcribing. Students are expected to pass at least the test on material dictated at 120 words a minute on completion of this course. Class meets five times a week.

Three quarter hours each quarter.

SECRETARIAL SCIENCE 33, 34, 35. *Typewriting.* Prerequisite, Typewriting 13, 14 and 15 or its equivalent. This is an advanced course in typewriting. Speed is stressed in all work done. Students are required to meet production standards. Upon the completion of the course the student should be able to meet the requirements of at least 60 words a minute in continuity material, 45 words a minute in letter writing and rough draft materials, and 30 words a minute in addressing envelopes and tabulating material. Four class periods and four practice periods a week.

Two quarter hours credit each quarter.

SECRETARIAL SCIENCE 36, 37. *Business English.* This course provides the student with practice in the use of correct business terms, spelling, punctuation and sentence construction as used in business correspondence and communications. It gives the student practice in writing and answering most types of letters met with in business and professional offices and stresses the

development of the ability to express one's thoughts clearly, concisely and effectively in good English. Three classes per week.

Three quarter hours credit each quarter.

SECRETARIAL SCIENCE 38, 39. *Business Law.* This course acquaints the student with the most common of laws governing general business procedures. It stresses the operation of the legal system in relation to the individual and everyday business problems. It covers such topics as contracts, negotiable instruments, the law of sales, insurance, agency, real property, wills, mortgages, Social Security laws, income tax laws, et cetera. Class meets three times per week.

Three quarter hours credit each quarter.

SECRETARIAL SCIENCE 41, 42, 43. *Accounting.* Prerequisite, Accounting 22, 23, and 24 or its equivalent. This is a continuation of Accounting 22, 23, and 24. It covers the principles of balance sheet valuation and profit determination, corporations, actuarial science, average date notes and acceptances receivable, interest, inventories, installment sales, tangible and intangible fixed assets, comparative statements, the analysis of working capital, profit and loss analysis, et cetera. Two double periods and one single period per week.

Three quarter hours credit each quarter.

SECRETARIAL SCIENCE 45, 46, 47. *Secretarial Practice.* Prerequisites, Shorthand 10, 11, 12, Typing 13, 14, 15, and Office Machines or their equivalent. This course provides for advanced practice on at least two of the machines covered in Office Machines. It covers a detailed study of the work of a secretary with a coordination of all skills attained so far in the working out of practical office problems. This will include additional transcription with the development of office proficiency, a study of personality traits and the problems to be met in obtaining and keeping the initial job. It offers as much opportunity as possible for actual work experience in offices.

Three quarter hours credit each quarter.

SUMMER SESSION

GENERAL ANNOUNCEMENT. Union College has an eleven weeks quarter of summer work divided into two five and one-half weeks' terms. The first term for 1946 opens June 10 and closes July 17. The second term opens July 18 and closes August 24. The classes meet six days each week. Classwork begins in the morning at 7:30. The program of studies published in the summer

bulletin is such that a student may take the regular college courses and the courses that are required for certificates issued by the Department of Education of the State of Kentucky.

REQUIREMENTS FOR ADMISSION. The requirements for admission are the same for the Summer Session as for the regular year. For a complete statement concerning them the proper section of the catalog should be consulted. It is important that new students have transcripts of work done in high school and college sent to the Dean before the opening of the session.

CREDIT. The work offered in the Summer Session is equivalent in method, character, and credit value to that of the academic year. Eight or nine quarter hours of college work constitute an average load for a term of five and one-half weeks, but under certain conditions ten or eleven hours are permitted. Twenty-one hours is the maximum credit allowed for the two terms.

RECREATION. Near-by mountains and many historic places are easily accessible for excursions and picnics. An organized recreational program on the campus will be supervised by a faculty member. A modern gymnasium and tennis courts are available to students.

For further information write to the Dean of the College.

DEGREES GRANTED IN 1945

Adams, Frederick Porter A.B. .....Oxford, N. Y.
**Cope, Mary Rebecca.....B.S. in Ed. .....Benham, Ky.
Davis, Lorna June.....B.S. in Ed. .....Barbourville, Ky.
***Leger, Glenn Monroe.....B.S. in Ed. .....Barbourville, Ky.
*McCreary, Hazel Irene....B.S. in Ed. .....Barbourville, Ky.
**Miracle, Walter R.....B.S. in Ed. (magna cum laude) Loyall, Ky.
Morgan, Mary K.....B.S. (cum laude).....Bristol, Tenn.
Murphy, Maxine.....A.B. (summa cum laude) Liberty, Ky.
Parker, Frances Sears.....B.S. in Ed. .....Corbin, Ky.
*Poff, Dorothy Emily.....B.S. in Ed. .....Barbourville, Ky.
Roberts, Thera Mae.....A.B. .....Columbia, Ky.
Rose, Joie.....B.S. in Ed. .....Carpenter, Ky.
*Sizemore, Clara Alma.....B.S. in Ed. .....Four Mile, Ky.

REGISTER OF STUDENTS

SENIORS 1945-46

Bailey, Billie Jeanne.... Middlesboro
Beams, Jack .....Barbourville
Begley, Mary W.....Corbin
Boatman, Caroline.....Barbourville
Bowling, Cecil D.....Creekville
Carter, Ruth M.....Cawood
Doby, John T.....Corbin
Garrett, Nell.....Cedartown, Ga.
Goins, Eloise.....Corbin
Goins, John A.....Barbourville
Greear ,Elizabeth .....Bardstown
Hoskins, Billy.....Barbourville
Johnson, Ferne C.....Pleasureville
Kilgore, Marie.....Coeburn, Va.
Kurylo, Lydia C.....Cawood
Lawson, Gayle F.....Corbin
Lee, Elmer T.....Four Mile
Lee, Opal V.....Barbourville
Leger, Glenn M.....Barbourville
Mellot, Geraldine S...Travelers Rest
Norfleet, Andrew J.....Jamestown
Ponder, Terry.....Salem, Ind.
Robbins, Matilda.....Beverly
Saylor, Juanita.....Crab Orchard
Scalf, James F.....Corbin
Shadow, Lucy E.....Decatur, Tenn.
Tappan, Katherine.....Delmar, Del.
Tye, Herman.....Barbourville
Vaughn, Wilma E.....Corbin
Webb, Beve.....Sibert
Webb, Billie .....Manchester
Wyatt, Alma Poff.....Barbourville

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*Degree granted as of July 17, 1945.

**Degree granted as of August 24, 1945.

***Degree granted as of December 12, 1945.

JUNIORS 1945-46

Adams, R. V. — Gray
Alsip, Idela — Corbin
Bargo, E. V., Jr. — Barbourville
Bargo, Kathleen — Walker
Barton, Dessie J. — Williamsburg
Blair ,Mae — Barbourville
Blakley, Donie M. — Jellico, Tenn.
Blundell, Vivian — Lynn, Mass.
Bow, Roxie M. — Barbourville
Bow, Russell L. — Barbourville
Bowling, Maurice — Creekville
Brasher, Catherine — Boaz, Ala.
Bryant, Sable M. — Jellico, Tenn.
Burkhart, H. C. — Wallins Creek
Campbell, Helen Joy — Barbourville
Collins, Mary E. — Barbourville
Collins, William E. — Barbourville
Corey, Geraldine B. — Barbourville
Cravens, Barbar Ann — Pineville
Croley, Lucy B. — Williamsburg
Davis, Mary Lou — Williamsburg
Dillon, Tommy C. — Somerset
Dixon, Alma L. — Burkesville
Dossett, Bernice Ann — Williamsburg
Drinnon, Ralph E. — Alcoa, Tenn.
Gross, Novella — Eagan, Tenn
Hearn, William M. — Barbourville
Hensley, Pearl G. — Burning Springs
Hill, Archie B. — Gatliff
Jones, Vena Alberta — Jellico, Tenn.
Lee, Ardith I. — Barbourville
Manning, Charles M. — Barbourville
Mellon, James R., Sellersburg, Ind.
Mellott, Mary E. — Enola, Pa.
Payne, Marjorie Evelyn — Corbin
Robbins, Roddy C. — Wasioto
Saylor, Dorothy — Crab Orchard
Snavely, Frank R., Jr. — Corbin
Sutton, James A. — Williamsburg
Tye, Jessie Marie — Jellico, Tenn.
Walker, Garnet R. — Monticello
Watson, Lela M. — Corbin
Whitfield, Lois Alga — Barbourville
Williams, Louise — Louisville
Wilson, Luther — Cubbage

SOPHOMORES 1945-46

Benjamin, Lois V. — Barbourville
Bostwick, Mary Jane — Horseheads, N. Y.
Brown, Agusta — Fullerton
Brown, Joyce E. — Lowell, Mass.
Carter, Lena Jean — Barbourville
Combs, Grace — Barbourville
Cornett, Dennis, Jr. — Linefork
Cresse, Margaret A. Westmont, N.J
Crum, Catherine I. — New Lexington, Ohio
Dezarn, Stanley — Laurel Creek
Disney, Jean M. — Gray
Dulling, Jean — Jellico, Tenn.
Early, Jack — Corbin
Elam, William W. — Barbourville
Giles, Agnes — Coeburn, Va.
Grable, Virginia L. — Baxter
Graham, Rozelle I. Stoneham, Mass.
Greene, Marie — Barbourville
Harris, Charles R. — Corbin
Holder, Marie L. — Jamestown
Howard, Juanita — Path Fork
Howard, Lois H. — Wallins
Hutchinson, Mary M. — Huntington, W. Va.
Ison, Bessie L. — Flatwoods
Johnson, Roberta L. Brooklyn, N.Y.
Jones, Lee — Evarts
Lehman, John O. — Beverly
McClaskey, Sally — Bloomfield
Mahler, Frederick, Jr. — Lynn, Mass.
Manning, Ethel A. — Barbourville
Mellott, Ben S. — Enola, Pa.
Nichols, Dorothy M. — Louisville
Nordstrom, Vivian E. — Plainfield, N. J.
Ochsner, John J. — Anchorage
Parker, James E., Jr. — Corbin
Payne, Evelyn — Barbourville
Pearson, Robert B. — East Lynn, Mass.
Pennington, Annette — Four Mile
Philpot, Dorothy G. — Barbourville
Prislopski, Jeanne — Elmira, N. Y.
Skaggs, George R. — Elizabethtown
Smith, Beuah I. — Harlan
Spooner, Elizabeth — Acushnet, Mass.
Stalford, Beatrice M. — Binghampton, N. Y.
Taylor, Charles C. — Middlesboro
Tinsley, Ann J. — Barbourville
Toll, Margaret L. — Newport
Viall, Mary K. — Barbourville
Waterman, Chester F. — Somerville, Mass.
Webb, Lois L. — Somerville, Mass.
Webb, Mary Lena — Hustonville
Winters, Eleanor J. — Brownsville, Ind.

FRESHMEN 1945-46

Allen, William J.—Camp Taylor
Amburgey, Ruth —McRoberts
Asher, Aubrey —Beverly
Asher, Charmaine —Barbourville
Baker, Oddis J.—Corbin
Ball, Ruby Sue—Louisa
Ballard, Jack H.—Barbourville
Bays, Jack B.—Barbourville
Bentle, Elsie L.—Falmouth
Brackbill, Vera Mae
Port Royal, Pa.
Brafford, Edna M.—Corbin
Brock, Juanita —Corbin
Brogan, Ponjola —Barbourville
Brooks, Paul —Calvin
Browning, Robert J.—Barbourville
Bruce, Virginia —Barbourville
Buchanan, Thos. N. Barbourville
Campbell, Pearl—Dayton, Ohio
Campbell, Sadie
New Tazewell, Tenn.

Carico, Sam B.—Wakenva, Va.
Chadwell, Margaret E.—Corbin
Clark, Opal—Cedartown, Ga.
Cochran, Lita G.—Hustonville
Combs, Florence—Hazard
Cornett, Doris —Gordon
Day, Louise —Corbin
DeLong, Vera Mae—Barbourville
Duncan, Joe W.—Monticello
Durham, Beverly —Barbourville
Dye, Curtis —Arjay
Edwards, Bruce—Coeburn, Va.
England, Evelyn—Tazewell, Tenn.
Enzor, Virginia Lee—Lynch
Evans, Inez M.—Clairfield, Tenn.
Farris, Paul F.—Gray
Faulkner, Josephine—Barbourville
Garrison, Geneva —Manchester
Gayheart, Juanita —Dwarf
Gibson, Carrie J.—Evarts
Ginn, Norma Jean—Maysville
Girdner, Mabel —Mansfield, Ohio
Girdner, Mary M.—Mansfield, O.
Glasscock, Vernon —Barbourville
Graham, Irven C.—Vine Grove
Hahn, Rhodora —Moreland
Hammons, Margaret M.
Barbourville
Hatmaker, Cleo —Hazard
Hauser, George W.—Barbourville
Hauser, Robert E.—Barbourville
Hawkins, Mae K.—May's Lick
Helton, Dorothy E.—Barbourville
Hopper, Walter C., Jr.
Barbourville

Howard, Margaret —Harlan
Howard, Marie R.—Loyall
Hughes, Charles E.—Asheville, N.C.
Hunter, Charles —Pineville
Isaac, Betty Jane—Cumberland
Johnsen, Dorothy L.
East Lynn, Mass.
Johnson, Anita R.—Hazard
Johnson, Pearl May—Bailey's Switch
Jones, Geraldine —Girdler
Jones, J. Russell—Barbourville
Jones, Lida Bell—Hustonville
Keyzer, Mildred H.
East Lynn, Mass.
Kilgore, Lowell Yvonne
Coeburn, Va.
Lawhon, Billie—Knoxville, Tenn.
Lawrence, Mary M.—Jamestown
Lawson, Clarence G.—Four Mile
Lee, Doris L.—Barbourville
Lewallen, Agnes —Totz
Lewis, Ada Lee—Baxter
Lewis, Faye Frances—Barbourville
Lewis, Gladys B.—Spencer, W. Va.
Lewis, Helen E.—Putney
Litteral, Betty Jane
Millersburg, Ohio
Lumpkins, Bobbie —Barbourville
Lynn, Nancy E.— Liberty
McDonald, June M.—Barbourville
McMichael, Mary —Lexington
Martin, Constance C.—Barbourville
Matthews, Edna R.—Springfield
May, Ruth —Pascagoula, Miss.
Mays, Benny C.—Barbourville
Miller, Merle M.—Barbourville
Mills, Virginia Poff—Bailey's Switch
Moore, Marilyn—Tulsa, Okla.
Morgan, Wilma G.—Emmalena
Mullins, Audrey —Amburgey
Mullins, Roy —Amburgey
Muncy, Virginia Lee—Four Mile
Nuckols, David B.—Pineville
Osborne, Harold—Wallins Creek
Pace, Alma R.—Corbin
Partin, Dickie J.—Pineville
Pence, Sara Lee—Hazard
Pennington, Mary Alice—Four Mile
Phillips, Howard E.—Barbourville
Poff, Anna Lois—Baileys Switch
Pope, Russell —Barbourville
Powers, Virginia Ruth—Monticello
Reagan, Marguerite
Somerville, Mass.
Risner, Gene Earl—Loyall
Ritchie, Roy C.—Barbourville
Robbins, Mary L.—Four Mile

Rose, Ernest A. — Gray
Rudd, Anne — Cutuno
Schrader, Nell — Rosenberg, Texas
Scott, Lee — South Corbin
Sears, James R. — Barbourville
Simons, Evelyn R. — Maysville
Spivey, Lowell D. — Barbourville
Stanberry, Alma June — Rella
Stewart, Elsie — Fount
Tappan, Miriam — Delmar, Del.
Tate, Geraldine — Cumberland
Teague, Jay Will — Corbin
Thomas, Jeanette — Liberty
Tipton, Billie Jean — Jeffersonville, Ind.
Tolliver, Charlene — Neon
Treadway, Walter A. — Oneida
Turner, Cleo — Incline
Watts, Geraldine — Amburgey
Webb, Phyllis L. — Somerville, Mass.
White, Cecily A. — Mobile, Ala.
Williams, Carl E. — Cincinnati, O.
Williams, Ernest — Flat Lick
Williams, Margalene — Hardburly
Wilson ,Martha E. — North Pleasureville
Woolum, Dorothy C. — Warren
Young, William Richard — Ages
Zeisloft, Jean E. — Philadelphia, Pa.

SPECIAL STUDENTS, 1945-46

Ely, Bernice H. — Barbourville
Grise, Mary Beth — Barbourville
Miles, Gayle — Barbourville
Perez, Esther M. — Cardenas, Cuba

1945 SUMMER SESSION

Abner, Kelen B. — Corbin
Amis, Mildred Jean — Barbourville
Amis, Victoria B. — Scalf
Asher, Charmaine — Barbourville
Bailey, Billie Jeanne — Middlesboro
Bailey, Mrs. Wade — Middlesboro
Baker, Joseph R. — London
Bingham, Nancy Mae — Salt Gum
Blevins, Della C. — Evarts
Boatman, Caroline — Barbourville
Bowling, Cecil D. — Creekville
Britton, Wilma — Barbourville
Broughton, Marietta — Hammond
Bunch, Vynaetta — Corbin
Carter, Lena Jean — Barbourville
Carter, Lydia M. — Cawood
Carter, Paul E. — Cawood
Carter, Ruth M. — Cawood
Cheek, Dorothy M. — Lida
Click, Cleo — Barbourville
Collier, Oda — Barbourville
Cope, Mary R. — Benham
Cornett, Irene — Alva
Cravens, Barbara — Pineville
Creasy, Ruth E. — Barbourville
Davis, Ellen V. — Barbourville
Doby, Pauline M. — Gray
Dotson, Martha — London
Duncan, Joe W. — Monticello
Eagle, Edith S. — Corbin
Eastridge, Ruth — Bryants Store
Eastridge, Winnie — Bryants Store
Evans, Maxine B. — London
Evans, Thelma M. — Fariston
Eversole, Wila — Manchester
Farley, Laura — Pineville, W. Va.
Fuson, Shelvie — Pineville
Gibson, Callie M. — Artemus
Girdner, Mabel L. — Mansfield, O.
Girdner, Mary M. — Mansfield, O.
Grable, Virginia L. — Baxter
Greear, Elizabeth — Bardstown
Greene, Marie — Barbourville
Gross, Novella — Eagen, Tenn.
Haggard, Violet E. — Barbourville
Hall, Cleadia — Barbourville
Hamlin, Opal Juanita — East Bernstadt
Hammons, Mary — London
Hendrickson, Geneva — Pineville
Hensley, Pearl G. — Burning Springs
Hodge, Jewell — Kettle Island
Holcomb, Dymple — Wallins Creek
Hopkins, Helen — Loyall
Howard, Juanita — Path Fork
Hubbard, Mary Permelia — Barbourville
Humfleet, Edna Irene — Knoxfork
Isaac, Glorene — London
Jenkins, Ruby P. — Artemus
Johnson, Ferne Cole — Pleasureville
Jones, Geraldine — Girdler
Jones, Lee — Evarts
Kilgore, Marie — Coeburn, Va.
Leger, Glenn M. — Barbourville
Lewis, Gladys — Spencer, W. Va
Lindsay, Thelma L. — Corbin
McCreary, Hazel I. — Barbourville

McDonald, June M.—Barbourville
McKeehan, Hazel —Kettle Island
McNeil, Mrs. Cecil W.—Gray
Magee ,Alice L.—London
Mayhew, Mae E.—Barbourville
Mays, Clara B.—Swan Lake
Mealer, Margret —Barbourville
Miller, Barbara F.—Rockhold
Miller, Cleadith P.—Flat Lick
Miller, Marjorie —Artemus
Mills, Lillian F.—Flat Lick
Mills, Virginia P.—Bailey's Switch
Miracle, Walter R.—Loyall
Mitchell, Ruby J.—Woodbine
Naylor, Fernan B.—Beuna Vista
Nolan, Grace E.—Cumberland
Nolan, Lorraine —Cumberland
Norfleet, Andrew J.—Jamestown
Ochsner, John J.—Anchorage
Ochsner, Kathryn —Anchorage
Parker, Ruby —Barbourville
Pearson, Robert B.
East Lynn, Mass.
Poff, Anna L.—Baileys Switch
Poff, Dorothy M.—Barbourville
Ponder, Terry —Salem, Ind.
Powers, Virginia R.—Monticello
Price, Lee Anna—Kettle Island
Pursiful, Mildred O.—Loyall
Rice, Janet E. —Artemus
Robbins, Etna M.—Oakley
Robbins, Hugh W.—Wasioto
Runyon, Pauline —Barbourville
Scott, Geraldine —Travelers Rest
Scoville, Sudie —London
Shadow, Lucy E. —Decatur Tenn.
Sizemore, Clara A.—Four Mile
Stewart, Elsie B.—Fount
Tinsley, Ann J.—Barbourville
Trammell, Grace B.—Clio
Troglen, Martha J.—Evarts
Trosper, Myrtle P. —Middlesboro
Turner, Christine —Incline
Turner, Cleo —Incline
Tye, Herman —Barbourville
Walden, Gladys M. —Harlan
Walton, Wanda K. —Artemus
Webb, Billie —Manchester
Webb, Mary Lena —Hustonville
White, Mildred S.—Williamsburg
Whitfield, Lois Olga—Barbourville
Winters, Eleanor J.
Brownsville, Ind.
Woods, Mattie June—Four Mile
Wyatt, Alma Poff—Barbourville
Young, Richard —Ages

1945-46 EXTENSION

Akin, Sallie K.—Columbia
Allen, Ruth S. —Columbia
Ballou, Feyline B. —Garlin
Buate, Edna H.—Wallins Creek
Bennett, Beulah Mae—Columbia
Bernard, Nettie Lee—Jamestown
Bow, Russell L. —Garlin
Bruton, Wilma Regina—Bow
Burkhart, Serena Long
Wallins Creek
Burns, Lillian Luther —Harlan
Byles, Catherine Y. —Lynch
Calhoun, Nettie M. —Garlin
Clayton, Alva Bernice—Jamestown
Collins, Marie —Garlin
Cottongim, John W.—Coalgood
Cottongim, Lucille W.—Coalgood
Cox, Allene C.—Columbia
Dixon, Alma Lee —Burkesville
Dudley, Lucy K. —Glensfork
Dunbar, Mary Ann —Knifeley
Duncan, Jean —Monticello
Flatt, Helen G. —Columbia
Fore, Mossie A. —Harlan
Gibson, Leah Mildred—Seminary
Gibson, Mabel M. —Burkesville
Greenwell, Rosa B. —Oneida
Hensley, Betty M. —Oneida
Hensley, Myrtle F. —Harlan
Howard Beatrice H.—Wallins Creek
Howard, Lavinia K.—Wallins Creek
Howard, Elizabeth H. —Harlan
Humphress, Matre K.—Knifely
Johnson, Uarda—Harlan
Jones, Ora Lee—Knifely
Jones, Rosemont—Liletown
Keen, Mary Ann —Burkesville
McFarland, Kylde S.—Jamestown
McGaha, Nannie E. —Ella
McKinney, Alma Louise—Vester
Mann, Elizabeth C. —Jamestown
Marshall, Irene C. —Columbia
Minton, Clifford —Windsor
Morgan, Joe B. —Glensfork
Murley, Jewell C. —Blacks Ferry
Norris, Beatrice H. —Hegira
Osborne, Ora Lee—Wallins Creek
Paxton, Mary Gist—Columbia
Phelps, Thelma K.—Columbia
Reams, Nelle B. —Harlan
Reece, Irene M. —Columbia
Reed, Ruby —Oneida
Riddle, Nina Mae —Bow
Rodgers, Catherine G. —Columbia

Rogers, Nell Lee ——— Columbia
Rubarts, Minnie C. ——— Columbia
Sanders, Loretta ——— Columbia
Seale, Mary G. ——— Harlan
Shell, Nina Ruth ——— Loyall
Short, Fannie S. ——— Harlan
Smiddy, Mayma B. ——— Brookside
Smith, Virginia Catherine
Columbia
Sparks, Edra ——— Sparksville
Squires, Susie Bea ——— Columbia
Stephenson, Mary N. ——— Jamestown
Stults, Francis T. ——— Columbia
Tate, Wilma ——— Loyal
Taylor, Delia Ann ——— Harlan
Thomas, Ruth P. ——— Columbia
Unthank, Estelle H. ——— Loyall
Walker, Garnett Ray ——— Monticello
Walker, Mary Evelyn ——— Columbia
Wethington, Anna Dohoney
Columbia
Williams, Iva Holladay
Dunnville

	NUMBER ENROLLED AS																	
	Freshmen			*Sophomores*			*Juniors*			*Seniors*			*Specials*			*Total*		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
Summer Session:																		
First Term	1	33	34	2	21	23	2	21	23	6	23	29	1	0	1	12	98	110
Second Term	1	12	13	1	11	12	2	8	10	5	10	15	0	0	0	9	41	50
Extension (Lindsey Wilson)	0	0	0	0	0	0	3	42	45	1	6	7	0	0	0	4	48	52
Total Enrollment Summer Session (Excluding Duplicates and Extension)	2	36	38	3	22	25	2	26	28	5	23	28	1	0	1	13	107	120
Fall Quarter:																		
Full-time Students	24	81	105	8	33	41	6	12	18	5	13	18	0	1	1	43	140	183
Part-time Students	0	3	3	0	1	1	0	2	2	0	2	2	0	1	1	0	9	9
Extension (Harlan)	0	1	1	0	6	6	1	5	6	0	0	0	0	3	3	1	15	16
Winter Quarter:																		
First Term:																		
Full-time Students	34	74	108	15	28	43	14	14	28	7	14	20	1	1	2	70	131	201
Part-time Students	0	1	1	0	1	1	1	1	2	0	2	2	0	3	3	1	8	9
Second Term:	0	1	1	0	1	1	1	12	13	3	2	5	0	0	0	4	16	20
Extension	0	2	2	0	6	6	0	6	6	0	0	0	0	2	2	0	16	16
Spring Quarter:																		
Full-time Students	35	90	125	15	31	46	22	41	63	14	15	29	1	2	3	87	179	266
Part-time Students	1	2	3	0	2	2	1	2	3	1	2	3	1	3	4	4	11	15
Total Enrollment Fall and Winter and Spring Quarters (Excluding Duplicates and Extension)	45	109	154	17	46	63	27	47	74	17	22	39	1	4	5	107	228	335
Total for Academic Year (Excluding Duplicates	47	133	180	18	67	85	29	115	144	22	42	64	2	7	9	118	364	482
Total for Academic Year (Excluding Duplicates and Extension)	46	131	177	17	61	78	28	66	94	20	37	57	2	4	6	113	299	412
Total Veteran Enrollment (Fall, Winter, Spring and Summer Quarters — (Excluding Duplicates)	21	0	21	10	0	10	14	0	14	8	0	8	1	0	1	54	0	54

MEMORANDA

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